CHRYSLER

2011 300

OWNER'S MANUAL

VEHICLES SOLD IN CANADA

With respect to any Vehicles Sold in Canada, the name Chrysler Group LLC shall be deemed to be deleted and the name Chrysler Canada Inc. used in substitution therefore.

DRIVING AND ALCOHOL

Drunken driving is one of the most frequent causes of accidents.

Your driving ability can be seriously impaired with blood alcohol levels far below the legal minimum. If you are drinking, don’t drive. Ride with a designated non-drinking driver, call a cab, a friend, or use public transportation.

WARNING!

Driving after drinking can lead to an accident. Your perceptions are less sharp, your reflexes are slower, and your judgment is impaired when you have been drinking. Never drink and then drive.

This manual illustrates and describes the operation of features and equipment that are either standard or optional on this vehicle. This manual may also include a description of features and equipment that are no longer available or were not ordered on this vehicle. Please disregard any features and equipment described in this manual that are not on this vehicle.

Chrysler Group LLC reserves the right to make changes in design and specifications, and/or make additions to or improvements to its products without imposing any obligation upon itself to install them on products previously manufactured.

TABLE OF CONTENTS

INTRODUCTION

CONTENTS

INTRODUCTION

Congratulations on selecting your new Chrysler Group LLC vehicle. Be assured that it represents precision workmanship, distinctive styling, and high quality - all essentials that are traditional to our vehicles.

This Owner's Manual has been prepared with the assistance of service and engineering specialists to acquaint you with the operation and maintenance of your vehicle. It is supplemented by Warranty Information, and various customer-oriented documents. Please take the time to read these publications carefully. Following the instructions and recommendations in this manual will help assure safe and enjoyable operation of your vehicle.

NOTE: After reviewing the owner information, it should be stored in the vehicle for convenient referencing and remain with the vehicle when sold.

When it comes to service, remember that your authorized dealer knows your vehicle best, has factory-trained technicians and genuine MOPAR® parts, and cares about your satisfaction.

HOW TO USE THIS MANUAL

Consult the Table of Contents to determine which section contains the information you desire.

Since the specification of your vehicle depends on the items of equipment ordered, certain descriptions and illustrations may differ from your vehicle's equipment

The detailed index at the back of this Owner's Manual contains a complete listing of all subjects.

Consult the following table for a description of the symbols that may be used on your vehicle or throughout this Owner's Manual:


ESP
BAS
WATER IN FUEL
REAR WINDOW WIPER
WINDSHIELD WIPER INTERMITTENT
EXTERIOR BULB FAILURE
HIGH BEAM
TURN SIGNALS
UPPER AIR OUTLET
HEATED SEAT LOW
DOOR LOCK
ADJUSTABLE PEDALS
ELECTRONIC SPEED CONTROL
ELECTRONIC STABILITY PROGRAM / BRAKE ASSIST SYSTEM
BRAKE
FUEL
REAR WINDOW INTERMITTENT WIPER
WINDSHIELD WASHER
MASTER LIGHTING SWITCH
LOW BEAM
KEY ACTIVATE (POWER OUTLET)
UPPER AND LOWER AIR OUTLET
HEATED SEAT HIGH
WINDOW LIFT
TIRE PRESSURE MONITOR
HILL DESCENT CONTROL
BRAKE SYSTEM WARNING PARKING BRAKE
AWD!
(ABS)
FUEL FILL SIDE
REAR WINDOW WASHER
WINDSHIELD WASHER FLUID LEVEL
DOME LIGHT
FRONT FOG LIGHT
HOOD RELEASE
LOWER AIR OUTLET
RECIRCULATION
CONVERTIBLE 4 WINDOW DOWN
ELECTRONIC STABILITY CONTROL
ALL WHEEL DRIVE
FAILURE OF ANTI-LOCK BRAKING SYSTEM
4WD!
BRAKE
ENGINE OIL
REAR WINDOW DEFROST
WINDSHIELD, ELECTRICALLY HEATED
PARK LIGHTS
REAR FOG LAMP
LIFTGATE RELEASE AND LIFTGATE OPEN
DEFROST AND LOWER AIR OUTLET
VENTILATING FAN
WINDOW LOCK
ELECTRONIC THROTTLE CONTROL
FOUR WHEEL DRIVE
BRAKE SYSTEM WARNING PARKING BRAKE
TOW/ HAUL
BATTERY CHARGING
HEATED MIRROR
WINDSHIELD DEFROST
INSTRUMENT PANEL ILLUMINATION
SEAT BELT
SLIDING DOOR
TRUNK / DECK RELEASE
AIR CONDITIONING
CHILD SEAT TETHER ANCHOR
VOICE RECOGNITION BUTTON
WARNING
TOW / HAUL
4 LOW
GLOW PLUG
POWER STEERING FLUID
WINDSHIELD WIPER AND WASHER
SIDE AIRBAG
AIRBAG
SLIDING DOOR
EMERGENCY RELEASE HANDLE
LIGHTER
LOWER ANCHORS AND TETHER FOR CHILDREN (LATCH)
UCONNECT™ BUTTON
HAZARD
FOUR WHEEL DRIVE LOW
SRS AIRBAG
A/C PUSH
OFF
MALFUNCTION INDICATOR LIGHT
TRANS OIL TEMP
ENGINE COOLANT TEMPERATURE
SUPPLEMENTAL RESTRAINT SYSTEM
PASSENGER AIRBAG OFF
DOOR AJAR
CONVERTIBLE TOP DOWN
CONVERTIBLE TOP UP
HORN
SEE OWNER'S MANUAL ISO
AIR CONDITIONER
ELECTRONIC STABILITY CONTROL OFF

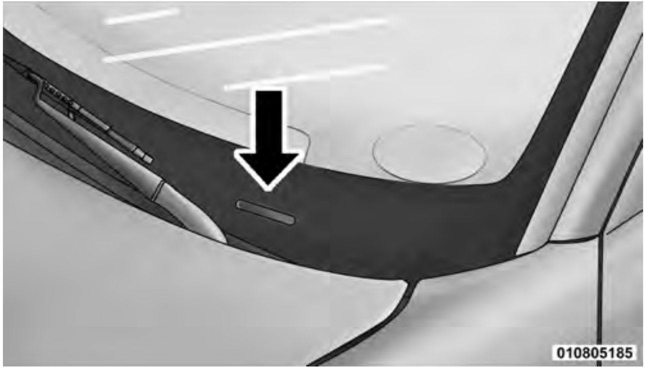
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WARNINGS AND CAUTIONS

This Owner's Manual contains **WARNINGS** against operating procedures that could result in a collision or bodily injury. It also contains **CAUTIONS** against procedures that could result in damage to your vehicle. If you do not read this entire manual, you may miss important information. Observe all Warnings and Cautions.

VEHICLE IDENTIFICATION NUMBER

The Vehicle Identification Number (VIN) is on the left front corner of the instrument panel. The VIN is visible from outside of the vehicle through the windshield. This number also appears on the Automobile Information Disclosure Label affixed to a window on your vehicle, the vehicle registration, and the title.



VIN Location

NOTE: It is illegal to remove or alter the VIN.

VEHICLE MODIFICATIONS/ALTERATIONS

WARNING!

Any modifications or alterations to this vehicle could seriously affect its roadworthiness and safety and may lead to a accident resulting in serious injury or death.

THINGS TO KNOW BEFORE STARTING YOUR VEHICLE

CONTENTS

A WORD ABOUT YOUR KEYS

Your vehicle uses a keyless ignition system. This system consists of a Key Fob with Remote Keyless Entry (RKE) transmitter and a Keyless Ignition Node (KIN).

Keyless Enter-N-Go Feature

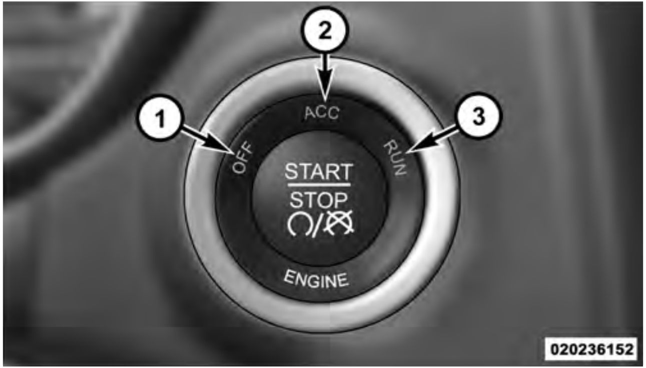
This vehicle is equipped with the Keyless Enter-N-Go feature, refer to “Starting Procedure” in “Starting And Operating” for further information.

Keyless Ignition Node (KIN)

This feature allows the driver to operate the ignition switch with the push of a button, as long as the Remote Keyless Entry (RKE) transmitter is in the passenger compartment.

The Keyless Ignition Node (KIN) has four operating positions, three of which are labeled and will illuminate when in position. The three positions are OFF, ACC, and ON/RUN. The fourth position is START, during start RUN will illuminate.

NOTE: In case the ignition switch does not change with the push of a button, the RKE transmitter (Key Fob) may have a low or dead battery. In this situation a back up method can be used to operate the ignition switch. Put the nose side (side opposite of the emergency key) of the Key Fob against the ENGINE START/STOP button and push to operate the ignition switch.



Keyless Ignition Node (KIN)

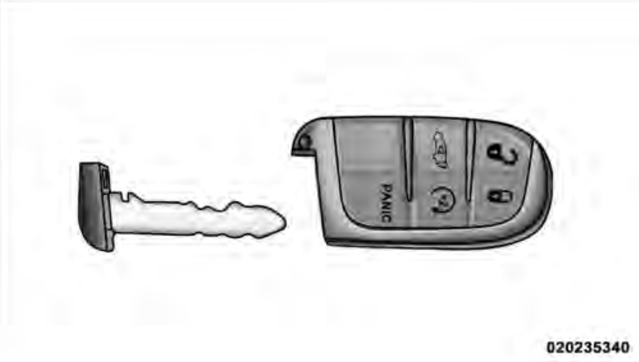
1 — OFF
2 — ACC (ACCESSORY)
3 — ON/RUN

Key Fob

The Key Fob also contains the Remote Keyless Entry (RKE) transmitter and an emergency key, which stores in the rear of the Key Fob.

The emergency key allows for entry into the vehicle should the battery in the vehicle or the Key Fob go dead. The emergency key is also for locking the glove box. You can keep the emergency key with you when valet parking.

To remove the emergency key, slide the mechanical latch on the back of the Key Fob sideways with your thumb and then pull the key out with your other hand.



Emergency Key Removal

NOTE: You can insert the double-sided emergency key into the lock cylinders with either side up.

Ignition Or Accessory On Message

Opening the driver's door when the ignition is in ACC or ON (engine not running), a chime will sound to remind you to cycle the ignition to OFF. In addition to the chime, the ignition or accessory on message will display in the cluster.

NOTE: With the Uconnect Touch™ system, the power window switches, radio, power sunroof (if equipped), and power outlets will remain active for up to 10 minutes after the ignition is cycled to the OFF position. Opening either front door will cancel this feature. The time for this feature is programmable. Refer to “Uconnect Touch™ Settings” in “Understanding Your Instrument Panel” for further information.

WARNING!

- **Never leave children alone in a vehicle. Leaving unattended children in a vehicle is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Do not leave the ignition in the ACC or RUN position. A child could operate power windows, other controls, or move the vehicle.**
- **Do not leave children or animals inside parked vehicles in hot weather. Interior heat build-up may cause serious injury or death.**

CAUTION!

An unlocked car is an invitation to thieves. Always remove the Key Fob from vehicle, cycle the ignition OFF and lock all doors when leaving the vehicle unattended.

SENTRY KEY®

The Sentry Key® Immobilizer system prevents unauthorized vehicle operation by disabling the engine. The system does not need to be armed or activated. Operation is automatic, regardless of whether the vehicle is locked or unlocked.

The system uses a Key Fob with Remote Keyless Entry (RKE) transmitter, a Keyless Ignition Node (KIN) and a RF receiver to prevent unauthorized vehicle operation. Therefore, only Key Fobs that are programmed to the vehicle can be used to start and operate the vehicle.

After cycling the ignition switch to the ON/RUN position, the Vehicle Security Light will turn on for three seconds for a bulb check. If the light remains on after the bulb check, it indicates that there is a problem with the electronics. In addition, if the light begins to flash after the bulb check, it indicates that someone used an invalid

Key Fob to start the engine. Either of these conditions will result in the engine being shut off after two seconds.

If the Vehicle Security Light turns on during normal vehicle operation (vehicle running for longer than 10 seconds), it indicates that there is a fault in the electronics. Should this occur, have the vehicle serviced as soon as possible by an authorized dealer.

CAUTION!

The Sentry Key® Immobilizer system is not compatible with some after-market remote starting systems. Use of these systems may result in vehicle starting problems and loss of security protection.

All of the Key Fobs provided with your new vehicle have been programmed to the vehicle electronics.

Replacement Keys

NOTE: Only Key Fobs that are programmed to the vehicle electronics can be used to start and operate the vehicle. Once a Key Fob is programmed to a vehicle, it cannot be programmed to any other vehicle.

CAUTION!

Always remove the keys from the vehicle and lock all doors when leaving the vehicle unattended.

At the time of purchase, the original owner is provided with a four-digit Personal Identification Number (PIN). Keep the PIN in a secure location. This number is required for authorized dealer replacement of Key Fobs. Duplication of Key Fobs may be performed at an authorized dealer, this procedure consists of programming a blank Key Fob to the vehicle electronics. A blank Key Fob is one that has never been programmed.

NOTE: When having the Sentry Key® Immobilizer system serviced, bring all vehicle Key Fobs with you to an authorized dealer.

Customer Key Programming

Programming Key Fobs or RKE transmitters may be performed at an authorized dealer.

General Information

The Sentry Key® system complies with FCC rules Part 15 and with RSS-210 of Industry Canada. Operation is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference that may be received, including interference that may cause undesired operation.

VEHICLE SECURITY ALARM — IF EQUIPPED

The Vehicle Security Alarm monitors the vehicle doors for unauthorized entry and the Keyless Enter-N-Go Start/Stop button for unauthorized operation. While the Vehicle Security Alarm is armed, interior switches for door locks and decklid release are disabled. If something triggers the alarm, the Vehicle Security Alarm will provide the following audible and visible signals: the horn will pulse, the headlights, park lamps and/or turn signals will flash, and the Vehicle Security Light in the instrument cluster will flash.

Rearming Of The System

If something triggers the alarm, and no action is taken to disarm it, the Vehicle Security Alarm will turn the horn off after three minutes, turn all of the visual signals off after 15 additional minutes, and then the Vehicle Security Alarm will rearm itself.

To Arm The System

Press the Keyless Enter-N-Go Start/Stop button until the Electronic Vehicle Information Center (EVIC) indicates that the vehicle ignition is ″OFF″ (refer to “Starting Procedures” in “Starting And Operating” for further information). Then either press the power door LOCK switch while the driver or passenger door is open, press the Remote Keyless Entry (RKE) transmitter LOCK button or press the Passive Entry Door Handle LOCK button (refer to “Keyless Enter-N-Go” in “Things To Know Before Starting Your Vehicle” for further information).

To Disarm The System

Either press the UNLOCK button on the RKE transmitter or grasp the Passive Entry Unlock Door Handle (refer to “Keyless Enter-N-Go” in “Things To Know Before Starting Your Vehicle” for further information), press the Keyless Enter-N-Go Start/Stop button (requires at least one valid Key Fob in the vehicle).

NOTE:

- The Vehicle Security Alarm remains armed during trunk entry. Pressing the RKE transmitter or Passive Entry TRUNK button will not disarm the Vehicle Security Alarm. If someone enters the vehicle through the trunk, and opens any door, the alarm will sound.
- When the Vehicle Security Alarm is armed, the interior power door lock switches will not unlock the doors.

The Vehicle Security Alarm is designed to protect your vehicle; however, you can create conditions where the Vehicle Security Alarm will give you a false alarm. If one of the previously-described arming sequences has occurred, the Vehicle Security Alarm will arm regardless of whether you are in the vehicle or not. If you remain in the vehicle and open a door, the alarm will sound. If this occurs, disarm the Vehicle Security Alarm.

If the Vehicle Security Alarm is armed and the battery becomes disconnected the Vehicle Security Alarm will remain armed when the battery is reconnected. The exterior lights will flash, the horn will sound, and the ignition will not start the vehicle. If this occurs, disarm the Vehicle Security Alarm.

Tamper Alert

If something has triggered the Vehicle Security Alarm in your absence, the horn will sound three times when you disarm the Vehicle Security Alarm. Check the vehicle for tampering.

ILLUMINATED ENTRY — IF EQUIPPED

The courtesy lights will turn on when you use the Remote Keyless Entry (RKE) transmitter or unlock any door.

This feature also turns on the approach lighting in the outside mirrors (if equipped). Refer to “Mirrors” in “Understanding The Features Of Your Vehicle” for further information.

The lights will fade to off after approximately 30 seconds or they will immediately fade to off once the ignition switch is cycled from the OFF position.

NOTE: None of the courtesy lights will operate if the dimmer control is in the “defeat” position (extreme downward position), unless the overhead map/reading lights are turned on manually.

REMOTE KEYLESS ENTRY (RKE)

The RKE system allows you to lock or unlock the doors, open the trunk, or activate the Panic Alarm from distances up to approximately 66 ft (20 m) using a hand-held Key Fob with RKE transmitter. The RKE transmitter does not need to be pointed at the vehicle to activate the system.

NOTE: Driving at speeds 5 mph (8 km/h) and above disables the system from responding to all RKE transmitter buttons for all RKE transmitters.



Key Fob With RKE Transmitter

To Unlock The Doors

Press and release the UNLOCK button on the RKE transmitter once to unlock the driver's door or twice within five seconds to unlock all doors. The turn signal lights will flash to acknowledge the unlock signal. The illuminated entry system will also turn on.

If the vehicle is equipped with Passive Entry, refer to "Keyless Enter-N-Go" under "Things To Know Before Starting Your Vehicle" for further information.

Remote Key Unlock, Driver Door/All Doors 1st Press

This feature lets you program the system to unlock either the driver's door or all doors on the first press of the UNLOCK button on the RKE transmitter. To change the current setting, refer to "Uconnect Touch™ Settings" in "Understanding Your Instrument Panel" for further information.

Flash Lights With Remote Key Lock

This feature will cause the turn signal lights to flash when the doors are locked or unlocked with the RKE transmitter. This feature can be turned on or turned off. To change the current setting, refer to "Uconnect Touch™ Settings" in "Understanding Your Instrument Panel" for further information.

Turn Headlights On With Remote Key Unlock

This feature activates the headlights for up to 90 seconds when the doors are unlocked with the RKE transmitter. The time for this feature is programmable on vehicles equipped through Uconnect Touch™. To change the current setting, refer to "Uconnect Touch™ Settings" in "Understanding Your Instrument Panel" for further information.

To Lock The Doors

Press and release the LOCK button on the RKE transmitter to lock all doors. The turn signal lights will flash and the horn will chirp to acknowledge the signal.

If the vehicle is equipped with Passive Entry, refer to "Keyless Enter-N-Go" under "Things To Know Before Starting Your Vehicle" for further information.

Sound Horn With Remote Key Lock

This feature will cause the horn to chirp when the doors are locked with the RKE transmitter. This feature can be

turned on or turned off. To change the current setting, refer to “Uconnect Touch™ Settings” in “Understanding Your Instrument Panel” for further information.

To Unlatch The Trunk

Press the TRUNK button on the RKE transmitter two times within five seconds to unlatch the trunk.

If the vehicle is equipped with Passive Entry, refer to “Keyless Enter-N-Go” under “Things To Know Before Starting Your Vehicle” for further information.

Using The Panic Alarm

To turn the Panic Alarm feature on or off, press and hold the PANIC button on the RKE transmitter for at least one second and release. When the Panic Alarm is on, the headlights and park lights will flash, the horn will pulse on and off, and the interior lights will turn on.

The Panic Alarm will stay on for three minutes unless you turn it off by either pressing the PANIC button a second time or drive the vehicle at a speed of 15 mph (24 km/h) or greater.

NOTE:

- The interior lights will turn off if you cycle the ignition switch to the ACC or ON/RUN position while the Panic Alarm is activated. However, the exterior lights and horn will remain on.
- You may need to be less than 35 ft (11 m) from the vehicle when using the RKE transmitter to turn off the Panic Alarm due to the radio frequency noises emitted by the system.

Programming Additional Transmitters

Programming Key Fobs or RKE transmitters may be performed at an authorized dealer.

Transmitter Battery Replacement

The recommended replacement battery is one CR2032 battery.

NOTE:

- Perchlorate Material — special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate
- Do not touch the battery terminals that are on the back housing or the printed circuit board.

1. Remove the emergency key by sliding the mechanical latch on the back of the RKE transmitter sideways with your thumb and then pull the key out with your other hand.

2. Insert the tip of the emergency key or a #2 flat blade screwdriver into the slot and gently pry the two halves of the RKE transmitter apart. Make sure not to damage the seal during removal.



3. Remove the battery by turning the back cover over (battery facing downward) and tapping it lightly on a solid surface such as a table or similar, then replace the battery. When replacing the battery, match the + sign on the battery to the + sign on the inside of the battery clip, located on the back cover. Avoid touching the new

battery with your fingers. Skin oils may cause battery deterioration. If you touch a battery, clean it with rubbing alcohol.

4. To assemble the RKE transmitter case, snap the two halves together.

General Information

This device complies with Part 15 of the FCC rules and RSS 210 of Industry Canada. Operation is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

NOTE: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

If your RKE transmitter fails to operate from a normal distance, check for these two conditions:

1. A weak battery in the RKE transmitter. The expected life of the battery is a minimum of three years.

2. Closeness to a radio transmitter such as a radio station tower, airport transmitter, and some mobile or CB radios.

REMOTE STARTING SYSTEM — IF EQUIPPED



This system uses the Key Fob Remote Keyless Entry (RKE) transmitter to start the engine conveniently from outside the vehicle while still maintaining security. The system has a range of approximately 300 ft (91 m).

NOTE:
- The vehicle must be equipped with an automatic transmission to be equipped with Remote Start.
- Obstructions between the vehicle and the Key Fob may reduce this range.

How To Use Remote Start

All of the following conditions must be met before the engine will remote start:

- Shift lever in PARK
- Doors closed
- Hood closed
- Trunk closed
- HAZARD switch off
- BRAKE switch inactive (brake pedal not pressed)
- Battery at an acceptable charge level
- RKE PANIC button not pressed.
- System not disabled from previous remote start event
- Vehicle theft alarm not active
- Ignition in OFF state

WARNING!

- **Do not start or run an engine in a closed garage or confined area. Exhaust gas contains Carbon Monoxide (CO) which is odorless and colorless. Carbon Monoxide is poisonous and can cause serious injury or death when inhaled.**
- **Keep Remote Keyless Entry (RKE) transmitters away from children. Operation of the Remote Start System, windows, door locks or other controls could cause serious injury or death.**

Remote Start Abort Message On Electronic Vehicle Information Center (EVIC) — If Equipped

The following messages will display in the EVIC if the vehicle fails to remote start or exits remote start prematurely:

- Remote Start Aborted — Door Ajar
- Remote Start Aborted — Hood Ajar
- Remote Start Aborted — Fuel Low
- Remote Start Disabled — Start Vehicle to Reset

The EVIC message stays active until the ignition is cycled to the ON/RUN position.

To Enter Remote Start Mode



Press and release the REMOTE START button on the RKE transmitter twice, within five seconds. The vehicle doors will lock, parking lights will flash and the horn will chirp twice (if programmed). Then, the engine will start and the vehicle will remain in the Remote Start mode for a 15-minute cycle.

NOTE:

- If an engine fault is present or fuel level is low, the vehicle will start and then shutdown in 10 seconds.
- The park lamps will turn on and remain on during Remote Start mode.
- For security, power window and power sunroof operation (if equipped) are disabled when the vehicle is in the Remote Start mode.
- The engine can be started two consecutive times (two 15-minute cycles) with the RKE transmitter. However, the ignition must be cycled to the RUN position before you can repeat the start sequence for a third cycle.

To Exit Remote Start Mode Without Driving The Vehicle

Press and release the REMOTE START button one time or allow the engine to run for the entire 15 minute cycle.

NOTE: To avoid unintentional shutdowns, the system will disable the one time press of the REMOTE START button for two seconds after receiving a valid Remote Start request.

To Exit Remote Start Mode And Drive The Vehicle

Before the end of 15 minute cycle, press and release the UNLOCK button on the RKE transmitter to unlock the doors and disarm the Vehicle Security Alarm (if equipped). Then, prior to the end of the 15 minute cycle, press and release the START/STOP button.

NOTE: The message "Push Start Button" will display in the EVIC until you push the START button.

DOOR LOCKS

Manual Door Locks

To lock each door, push the door lock knob on each door trim panel downward. To unlock each door, pull the door lock knob on each door trim panel upward.



Door Lock Knob

If the door lock knob is down when you shut the door, the door will lock. Therefore, make sure the key is not inside the vehicle before closing the door.

WARNING!

- **For personal security and safety in the event of an accident, lock the vehicle doors before you drive as well as when you park and leave the vehicle.**
- **When leaving the vehicle, always remove the key from the ignition and lock your vehicle. Unsupervised use of vehicle equipment may cause severe personal injuries or death.**
- **Never leave children alone in a vehicle. Leaving unattended children in a vehicle is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Don't leave the key in the ignition. A child could operate power windows, other controls, or move the vehicle.**

Power Door Locks

A power door lock switch is on each front door trim panel. Use this switch to lock or unlock the doors.



Power Door Lock Switch

The doors can also be locked and unlocked with the Keyless Enter-N-Go (Passive Entry) system. For further information, refer to “Keyless Enter-N-Go” in “Things To Know Before Starting Your Vehicle”.

If you press the power door lock switch while the Key Fob is in the vehicle, and any front door is open, the power locks will not operate. This prevents you from accidentally locking the Key Fob in the vehicle. Removing the Key Fob or closing the door will allow the locks to operate.

Automatic Door Locks

The doors will lock automatically on vehicles with power door locks if the vehicle speed is above 15 mph (24 km/h).

The Auto Door Lock feature can be enabled or disabled by your authorized dealer. See your authorized dealer for service.

NOTE: Use the Automatic Door Locks feature in accordance with local laws.

Automatic Unlock Doors On Exit

The doors will unlock automatically on vehicles with power door locks if:

1. The Automatic Unlock Doors On Exit feature is enabled.
2. The transmission was in gear and the vehicle speed returned to 0 mph (0 km/h).
3. The transmission is in NEUTRAL or PARK.
4. The driver door is opened.
5. The doors were not previously unlocked.
6. The vehicle speed is 0 mph (0 km/h).

To change the current setting, refer to “Uconnect Touch™ Settings” in “Understanding Your Instrument Panel” for further information.

NOTE: Use the Automatic Unlock Doors On Exit feature in accordance with local laws.

Child-Protection Door Lock System — Rear Doors

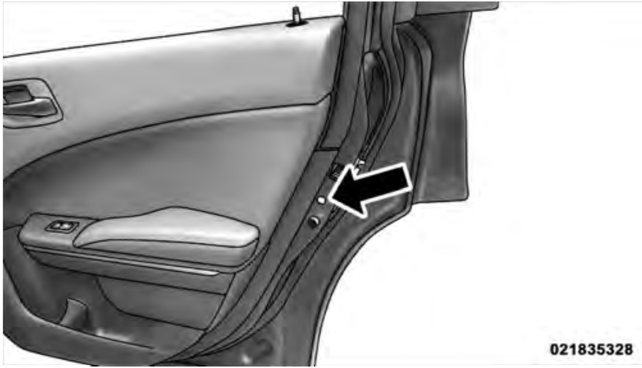
To provide a safer environment for small children riding in the rear seats, the rear doors are equipped with Child-Protection Door Lock system.

To engage or disengage the Child-Protection Door Lock system

1. Open the rear door.

2. Insert the tip of the emergency key into the lock and rotate to the LOCK or UNLOCK position.

3. Repeat steps 1 and 2 for the opposite rear door.



Child-Protection Door Lock Location



Child-Protection Door Lock Function

WARNING!

Avoid trapping anyone in a vehicle in a collision. Remember that the rear doors can only be opened from the outside when the Child-Protection locks are engaged (locked).

NOTE: For emergency exit from the rear seats when the Child-Protection Door Lock System is engaged, manually raise the door lock knob to the unlocked position, roll down the window, and open the door using the outside door handle.

KEYLESS ENTER-N-GO

The Passive Entry system is an enhancement to the vehicle’s Remote Keyless Entry (RKE) system and a feature of Keyless Enter-N-Go. This feature allows you to lock and unlock the vehicle’s door(s) without having to press the RKE transmitter lock or unlock buttons.

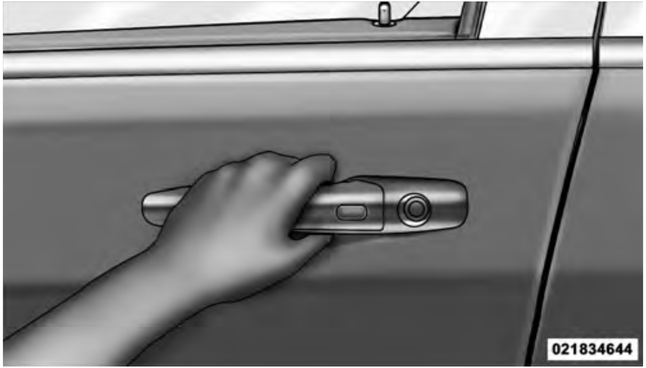
NOTE:

- Passive Entry may be programmed ON/OFF, refer to “Uconnect Touch™ Settings” in “Understanding Your Instrument Panel” for further information.
- If a passive entry door handle has not been used for 72 hours, the passive entry feature for the handle may

time out. Pulling the deactivated front door handle will reactivate the door handle's passive entry feature.

- If wearing gloves on your hands, or if it has been raining on the passive entry door handle, the unlock sensitivity can be affected, resulting in a slower response time.
- If you unlock the doors using the passive entry door handles, but do NOT pull the handle, the doors will automatically lock after 60 seconds.

To Unlock From The Driver's Side:
With a valid Passive Entry RKE transmitter within 5 ft (1.5 m) of the driver's door handle, grab the front driver door handle to unlock the driver's door automatically. The interior door panel lock knob will raise when the door is unlocked.



Grabbing The Driver's Door Handle

NOTE: If "Unlock All Doors 1st Press" is programmed all doors will unlock when you grab hold of the front driver's door handle. To select between "Unlock Driver Door 1st Press" and "Unlock All Doors 1st Press", refer to "Uconnect Touch™ Settings" in "Understanding Your Instrument Panel" for further information.

To Unlock From The Passenger Side:

With a valid Passive Entry RKE transmitter within 5 ft (1.5 m) of the passenger door handle, grab the front passenger door handle to unlock all four doors automatically. The interior door panel lock knob will raise when the door is unlocked.

NOTE: All doors will unlock when the front passenger door handle is grabbed regardless of the driver's door unlock preference setting ("Unlock Driver Door 1st Press" or "Unlock All Doors 1st Press").

Preventing Inadvertent Locking Of Passive Entry RKE Transmitter In Vehicle

To minimize the possibility of unintentionally locking a Passive Entry RKE transmitter inside your vehicle, the Passive Entry system is equipped with an automatic door unlock feature which will function if there is no Key Fob present in the vehicle.

If one of the vehicle doors is open and the door panel switch is used to lock the vehicle, once all open doors have been closed, the vehicle checks the inside and outside of the vehicle for any valid Passive Entry RKE transmitters. If one of the vehicle's Passive Entry RKE transmitters is detected inside the vehicle, and no other valid Passive Entry RKE transmitters is detected outside the vehicle, the Passive Entry System automatically unlocks all vehicle doors and chirps the horn three times (on the third attempt ALL doors will lock and the Passive Entry RKE transmitter can be locked in the vehicle).

To Enter The Trunk

With a valid Passive Entry RKE transmitter within 3 ft (1.0 m) of the deck lid, press the button on the left side of CHMSL, (Center High Mounted Stop Light) which is located on the deck lid.

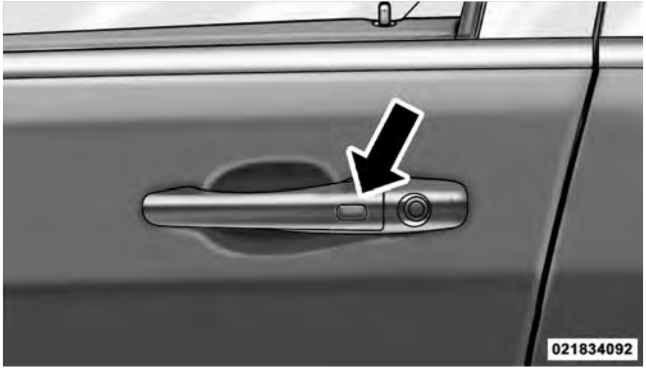


Trunk Passive Entry Button

NOTE: If you inadvertently leave your vehicle's Passive Entry RKE transmitter in the trunk and try to close the deck lid, the deck lid will automatically unlatch, unless another one of the vehicle's Passive Entry RKE transmitters is outside the vehicle and within 3 ft (1.0 m) of the deck lid.

To Lock The Vehicle's Doors

With one of the vehicle's Passive Entry RKE transmitters within 5 ft (1.5 m) of the driver or passenger front door handles, press the door handle LOCK button to lock all four doors.



Outside Door Handle Lock Button

NOTE:

- After pressing the door handle LOCK button, you must wait two seconds before you can lock or unlock the doors, using either passive entry door handle. This is done to allow you to check if the vehicle is locked by pulling the door handle, without the vehicle reacting and unlocking.
- The passive entry system will not operate if the RKE transmitter battery is dead.

The vehicle doors can also be locked by using the RKE transmitter lock button or the lock button located on the vehicle's interior door panel.

WINDOWS

Power Windows

The window controls on the driver's door control all the door windows.



Power Window Switches

There are single window controls on each passenger door trim panel, which operate the passenger door windows. The window controls will operate only when the ignition is in the ACC or ON/RUN position.

NOTE: For vehicles equipped with the Uconnect Touch™, the power window switches will remain active for up to 10 minutes after the ignition switch is cycled to the OFF position. Opening either front door will cancel this feature. The time is programmable. Refer to "Uconnect Touch™ Settings" in "Understanding Your Instrument Panel" for further information.

WARNING!

Never leave children in a vehicle with the Key Fob. Occupants, particularly unattended children, can become entrapped by the windows while operating the power window switches. Such entrapment may result in serious injury or death.

AUTO-Down Feature

The driver door power window switch and some model passenger door power window switches have an AUTO-down feature. Press the window switch to the second detent, release, and the window will go down automatically.

To open the window part way, press the window switch to the first detent and release it when you want the window to stop.

To stop the window from going all the way down during the AUTO-down operation, pull up on the switch briefly.

AUTO-Up Feature With Anti-Pinch Protection — If Equipped

Lift the window switch to the second detent, release, and the window will go up automatically.

To stop the window from going all the way up during the AUTO-up operation, push down on the switch briefly.

To close the window part way, lift the window switch to the first detent and release it when you want the window to stop.

NOTE:

- If the window runs into any obstacle during auto-closure, it will reverse direction and then go back down. Remove the obstacle and use the window switch again to close the window.
- Any impact due to rough road conditions may trigger the auto-reverse function unexpectedly during auto-closure. If this happens, pull the switch lightly to the first detent and hold to close the window manually.

WARNING!

There is no anti-pinch protection when the window is almost closed. Be sure to clear all objects from the window before closing.

Reset Auto Up

Should the Auto Up feature stop working, the window probably needs to be reset. To reset Auto Up:

1. Pull the window switch up to close the window completely and continue to hold the switch up for an additional two seconds after the window is closed.

2. Push the window switch down firmly to the second detent to open the window completely and continue to hold the switch down for an additional two seconds after the window is fully open.

Window Lockout Switch

The window lockout switch on the driver's door trim panel allows you to disable the window controls on the passenger doors. To disable the window controls, press and release the window lockout button (setting it in the DOWN position). To enable the window controls, press and release the window lockout button again (setting it in the UP position).



Window Lockout Switch

Wind Buffeting

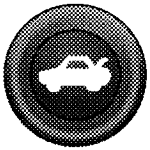
Wind buffeting can be described as the perception of pressure on the ears or a helicopter-type sound in the ears. Your vehicle may exhibit wind buffeting with the windows down, or the sunroof (if equipped) in certain

open or partially open positions. This is a normal occurrence and can be minimized. If the buffeting occurs with the rear windows open, then open the front and rear windows together to minimize the buffeting. If the buffeting occurs with the sunroof open, then adjust the sunroof opening to minimize the buffeting.

TRUNK LOCK AND RELEASE

The trunk lid can be released from inside the vehicle by pressing the TRUNK RELEASE button located on the instrument panel to the left of the steering wheel.

NOTE: The transmission must be in PARK before the button will operate.



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Trunk Release Button

The trunk lid can be released from outside the vehicle by pressing the TRUNK button on the Remote Keyless Entry (RKE) transmitter twice within five seconds.

With the ignition switch in the ON/RUN position, the Trunk Open symbol will display in the instrument cluster indicating that the trunk is open. The odometer display will reappear once the trunk is closed.

With the ignition switch in the OFF position or the key removed from the ignition switch, the Trunk Open symbol will display until the trunk is closed.

Refer to “Keyless Enter-N-Go” in “Things To Know Before Starting Your Vehicle” for more information on trunk operation with the Passive Entry feature.

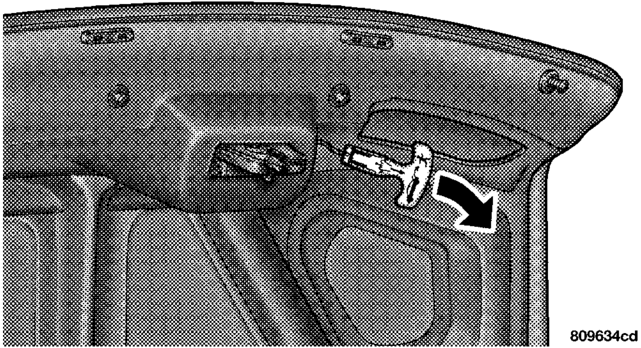
TRUNK SAFETY WARNING

WARNING!

Do not allow children to have access to the trunk, either by climbing into the trunk from outside, or through the inside of the vehicle. Always close the trunk lid when your vehicle is unattended. Once in the trunk, young children may not be able to escape, even if they entered through the rear seat. If trapped in the trunk, children can die from suffocation or heat stroke.

Trunk Emergency Release

The trunk of your vehicle is equipped with an emergency release handle. It is located on the inside of the trunk lid, near the latch, and is coated so that it glows in a darkened trunk. Pull on the handle to open the trunk.



Trunk Emergency Release

OCCUPANT RESTRAINTS

Some of the most important safety features in your vehicle are the restraint systems:

- Three-point lap and shoulder belts for the driver and all passengers
- Advanced Front Airbags for driver and front passenger
- Supplemental Driver Side Knee Airbag
- Supplemental Side Airbag Inflatable Curtains (SABIC) for the driver and passengers seated next to a window
- Supplemental Seat-Mounted Side Airbags (SAB)
- An energy-absorbing steering column and steering wheel
- Knee bolsters/blockers for front seat occupants
- Front seat belts incorporate pretensioners that may enhance occupant protection by managing occupant energy during an impact event

Please pay close attention to the information in this section. It tells you how to use your restraint system properly, to keep you and your passengers as safe as possible.

If you will be carrying children too small for adult-sized seat belts, the seat belts or the Lower Anchors and Tether for CHildren (LATCH) feature also can be used to hold infant and child restraint systems. For more information on LATCH, see Lower Anchors and Tether for CHildren (LATCH).

Here are some simple steps you can take to minimize the risk of harm from a deploying airbag:

1. **Children 12 years old and under should always ride buckled up in a rear seat.**

WARNING!

Infants in rear facing child restraints should never ride in the front seat of a vehicle with a passenger Advanced Front Airbag. An airbag deployment can cause severe injury or death to infants in that position.

Children that are not big enough to wear the vehicle seat belt properly (see section on Child Restraints) should be secured in the rear seat in child restraints or belt-positioning booster seats. Older children who do not use child restraints or belt-positioning booster seats should ride properly buckled up in the rear seat. Never allow children to slide the shoulder belt behind them or under their arm.

If a child from 1 to 12 years old (not in a rear facing child seat) must ride in the front passenger seat, move the seat as far back as possible and use the proper child restraint. (Refer to "Child Restraints")

You should read the instructions provided with your child restraint to make sure that you are using it properly.

2. **All occupants should always wear their lap and shoulder belts properly.**

3. **The driver and front passenger seats should be moved back as far as practical to allow the Advanced Front Airbags room to inflate.**

4. **Do not lean against the door or window. Your vehicle has Supplemental Side Airbag Inflatable Curtains (SABIC) or Supplemental Seat-Mounted Side Airbags (SAB), and deployment occurs, the SABIC and SAB airbags will inflate forcefully into the space between you and the door.**

5. If the airbag system in this vehicle needs to be modified to accommodate a disabled person, contact the Customer Center. Phone numbers are provided under "If You Need Assistance".

WARNING!

- Relying on the airbags alone could lead to more severe injuries in a collision. The airbags work with your seat belt to restrain you properly. In some collisions, the airbags won't deploy at all. Always wear your seat belts even though you have airbags.

(Continued)

WARNING! (Continued)

- Being too close to the steering wheel or instrument panel during Advanced Front Airbag deployment could cause serious injury, including death. Airbags need room to inflate. Sit back, comfortably extending your arms to reach the steering wheel or instrument panel.
- Supplemental Side Airbag Inflatable Curtain (SABIC) and Seat-Mounted Side Airbags (SAB) also need room to inflate. Do not lean against the door or window. Sit upright in the center of the seat.
- In an accident, you and your passengers can suffer much greater injuries if you are not properly buckled up. You can strike the interior of your vehicle or other passengers, or you can be thrown out of the vehicle. Always be sure you and others in your vehicle are buckled up properly.

Buckle up even though you are an excellent driver, even on short trips. Someone on the road may be a poor driver and cause an accident that includes you. This can happen far away from home or on your own street.

Research has shown that seat belts save lives, and they can reduce the seriousness of injuries in an accident. Some of the worst injuries happen when people are thrown from the vehicle. Seat belts reduce the possibility of ejection and the risk of injury caused by striking the inside of the vehicle. Everyone in a motor vehicle should be belted at all times.

Lap/Shoulder Belts

All seating positions in your vehicle are equipped with lap/shoulder belts.

The belt webbing retractor is designed to lock during very sudden stops or impacts. This feature allows the shoulder part of the belt to move freely with you under normal conditions. However, in an accident, the belt will lock and reduce your risk of striking the inside of the vehicle or being thrown out.

WARNING!

- **Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.**
- **Be sure everyone in your vehicle is in a seat and using a seat belt properly.**
- **Wearing a seat belt incorrectly is dangerous. Seat belts are designed to go around the large bones of your body. These are the strongest parts of your body and can take the forces of an accident best.**

(Continued)

WARNING! (Continued)

- **Wearing your belt in the wrong place could make your injuries in an accident much worse. You might suffer internal injuries, or you could even slide out of part of the belt. Follow these instructions to wear your seat belt safely and to keep your passengers safe, too.**
- **Two people should never be belted into a single seat belt. People belted together can crash into one another in an accident, hurting one another badly. Never use a lap/shoulder belt or a lap belt for more than one person, no matter what their size.**

Lap/Shoulder Belt Operating Instructions

1. Enter the vehicle and close the door. Sit back and adjust the front seat.



Pulling Out the Lap/Shoulder Belt Latch Plate

2. The seat belt latch plate is above the back of your seat. Grasp the latch plate and pull out the belt. Slide the latch plate up the webbing as far as necessary to make the belt go around your lap.

3. When the belt is long enough to fit, insert the latch plate into the buckle until you hear a "click."



Inserting Latch Plate Into Buckle

WARNING!

- **A belt that is buckled into the wrong buckle will not protect you properly. The lap portion could ride too high on your body, possibly causing internal injuries. Always buckle your belt into the buckle nearest you.**
- **A belt that is too loose will not protect you properly. In a sudden stop, you could move too far forward, increasing the possibility of injury. Wear your seat belt snugly.**

(Continued)

WARNING! (Continued)

- **A belt that is worn under your arm is dangerous. Your body could strike the inside surfaces of the vehicle in an accident, increasing head and neck injury. A belt worn under the arm can cause internal injuries. Ribs aren't as strong as shoulder bones. Wear the belt over your shoulder so that your strongest bones will take the force in a collision.**
- **A shoulder belt placed behind you will not protect you from injury during an accident. You are more likely to hit your head in a collision if you do not wear your shoulder belt. The lap and shoulder belt are meant to be used together.**

4. Position the lap belt across your thighs, below your abdomen. To remove slack in the lap belt portion, pull up a bit on the shoulder belt. To loosen the lap belt if it is too tight, tilt the latch plate and pull on the lap belt. A snug belt reduces the risk of sliding under the belt in an accident.



Removing Slack from Belt

WARNING!

- **A lap belt worn too high can increase the risk of internal injury in an accident. The belt forces won't be at the strong hip and pelvic bones, but across your abdomen. Always wear the lap belt as low as possible and keep it snug.**
- **A twisted belt will not protect you properly. In a collision, it could even cut into you. Be sure the belt is straight. If you can't straighten a belt in your vehicle, take it to your authorized dealer immediately and have it fixed.**

5. Position the shoulder belt on your chest so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the belt.

6. To release the belt, push the red button on the buckle. The belt will automatically retract to its stowed position. If necessary, slide the latch plate down the webbing to allow the belt to retract fully.

WARNING!

A frayed or torn belt could rip apart in an accident and leave you with no protection. Inspect the belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the system. Seat belt assemblies must be replaced after an accident if they have been damaged (bent retractor, torn webbing, etc.).

Adjustable Upper Shoulder Belt Anchorage

In the driver and front passenger seats, the shoulder belt can be adjusted upward or downward to position the belt away from your neck. Push and fully depress the button

above the webbing to release the anchorage, then move it up or down to the position that fits you best.



Adjusting Upper Shoulder Belt

As a guide, if you are shorter than average you will prefer a lower position, and if you are taller than average you will prefer a higher position. When you release the anchorage try to move it up and down to make sure that it is locked in position.

In the rear seat, move toward the center of the seat to position the belt away from your neck.

Lap/Shoulder Belt Untwisting Procedure

Use the following procedure to untwist a twisted lap/shoulder belt.

1. Position the latch plate as close as possible to the anchor point.

2. At about 6 to 12 in (15 to 30 cm) above the latch plate, grasp and twist the belt webbing 180 degrees to create a fold that begins immediately above the latch plate.

3. Slide the latch plate upward over the folded webbing. The folded webbing must enter the slot at the top of the latch plate.

4. Continue to slide the latch plate up until it clears the folded webbing.

Seat Belts In Passenger Seating Positions

The seat belts in the passenger seating positions are equipped with Automatic Locking Retractors (ALR) which are used to secure a child restraint system. For additional information refer to “Installing Child Restraints Using The Vehicle Seat Belt” under the “Child Restraints” section. The chart below defines the type of feature for each seating position.

	Driver	Center	Passenger
First Row	N/A	N/A	ALR
Second Row	ALR	ALR	ALR

- N/A — Not Applicable
- ALR — Automatic Locking Retractor

If the passenger seating position is equipped with an ALR and is being used for normal usage:

Only pull the belt webbing out far enough to comfortably wrap around the occupants mid-section so as to not activate the ALR. If the ALR is activated you will hear a ratcheting sound as the belt retracts. Allow the webbing to retract completely in this case and then carefully pull out only the amount of webbing necessary to comfortably wrap around the occupants mid-section. Slide the latch plate into the buckle until you hear a ″click.″

Automatic Locking Retractor Mode (ALR) — If Equipped

In this mode, the shoulder belt is automatically prelocked. The belt will still retract to remove any slack in the shoulder belt. The Automatic Locking Mode is available on all passenger-seating positions with a combination lap/shoulder belt. Use the Automatic Locking Mode anytime a child safety seat is installed in a seating position that has a belt with this feature. Children 12 years old and under should always be properly restrained in the rear seat.

How To Engage The Automatic Locking Mode

1. Buckle the combination lap and shoulder belt.

2. Grasp the shoulder portion and pull downward until the entire belt is extracted.

3. Allow the belt to retract. As the belt retracts, you will hear a clicking sound. This indicates the safety belt is now in the Automatic Locking Mode.

How To Disengage The Automatic Locking Mode

Unbuckle the combination lap/shoulder belt and allow it to retract completely to disengage the Automatic Locking Mode and activate the vehicle sensitive (emergency) locking mode.

WARNING!

- **The belt and retractor assembly must be replaced if the seat belt assembly Automatic Locking Retractor (ALR) feature or any other seat belt function is not working properly when checked according to the procedures in the Service Manual.**
- **Failure to replace the belt and retractor assembly could increase the risk of injury in collisions.**

Energy Management Feature

This vehicle has a safety belt system with an Energy Management feature in the front seating positions to help further reduce the risk of injury in the event of a head-on accident. This safety belt system has a retractor assembly that is designed to release webbing in a controlled manner. This feature is designed to help reduce the belt force acting on the occupant's chest.

Seat Belt Pretensioner

The seat belts for both front seating positions are equipped with pretensioning devices that are designed to remove slack from the seat belt in the event of an accident. These devices may improve the performance of the seat belt by assuring that the belt is tight about the occupant early in an accident. Pretensioners work for all size occupants, including those in child restraints.

NOTE: These devices are not a substitute for proper seat belt placement by the occupant. The seat belt still must be worn snugly and positioned properly.

The pretensioners are triggered by the Occupant Restraint Controller (ORC). Like the airbags, the pretensioners are single use items. A deployed pretensioner or a deployed airbag must be replaced immediately.

Enhanced Seat Belt Use Reminder System (BeltAlert®)

BeltAlert® is a feature intended to remind the driver and front passenger (if equipped with front passenger BeltAlert®) to fasten their seatbelts. This feature is active whenever the ignition is on. If the driver or front seat passenger is unbelted, the Seat Belt Reminder Light will turn on and remain on until both front seatbelts are fastened. BeltAlert® triggers within 60 seconds of vehicle speed over 5 mph (8 km/h). The reminder sequence lasts for 96 seconds or until the respective seatbelts are fastened. After the sequence completes, the Seat Belt Reminder Light remains illuminated until front belts are fastened. The driver should instruct all other occupants to fasten their seatbelts. If a front seatbelt is unbuckled while traveling at speeds greater than 5 mph (8 km/h), BeltAlert® will chime as a single notification and illuminate the Seat Belt Reminder Light, then will proceed to the 96 second reminder sequence.

The front passenger seat BeltAlert® is not active when the front passenger seat is unoccupied. BeltAlert® may be triggered when an animal or heavy object is on the front passenger seat or when the seat is folded flat (if equipped). It is recommended that pets be restrained in the rear seat in pet harnesses or pet carriers that are secured by seat belts, and cargo is properly stowed.

BeltAlert® Programming

NOTE: Chrysler Group LLC does not recommend deactivating the BeltAlert®.

The BeltAlert® can be enabled or disabled by your authorized dealer or by performing the following steps:

1. With all doors closed, and the ignition switch in any position except ON/RUN or START, buckle the driver's seat belt.

2. Turn the ignition switch to the ON/RUN position, but do not start the engine. Wait for the Seat Belt Reminder Light to turn off and then proceed to the next step.

NOTE: You must perform the following steps within 60 seconds of turning the ignition switch to the ON/RUN position.

3. Within 60 seconds of turning the ignition switch to the ON/RUN position, unbuckle and then re-buckle the driver's seat belt at least three times within 10 seconds, ending with the seat belt buckled.

NOTE: Watch for the Seat Belt Reminder Light to turn on while unbuckling the seat belt and turn off while re-buckling the seat belt. It may be necessary to retract the seat belt.

4. Turn the ignition switch to the OFF position. A single chime will sound to signify that you have successfully completed the programming.

BeltAlert® can be reactivated by repeating this procedure.

NOTE: Although BeltAlert® has been deactivated, the Seat Belt Reminder Light will continue to illuminate as long as the driver's seat belt is unbuckled.

Seat Belts And Pregnant Women

We recommend that pregnant women use the seat belts throughout their pregnancy. Keeping the mother safe is the best way to keep the baby safe.

Pregnant women should wear the lap part of the belt across the thighs and as snug across the hips as possible. Keep the belt low so that it does not come across the abdomen. That way the strong bones of the hips will take the force if there is an accident.

Seat Belt Extender

If a seat belt is too short even when fully extended and when the adjustable upper shoulder belt anchorage (if so equipped) is in its lowest position, your authorized dealer can provide you with a seat belt extender. This extender should be used only if the existing belt is not long enough. When it is not required, remove the extender and store it.

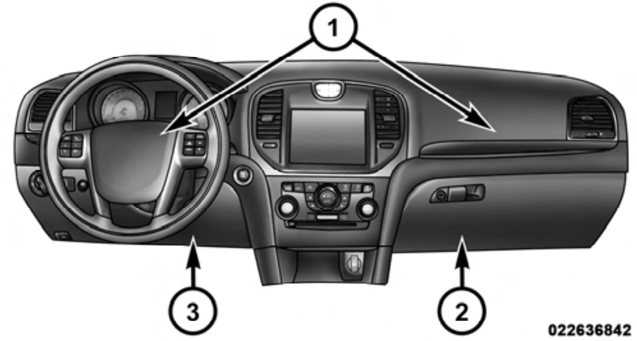
WARNING!

Using a seat belt extender when not needed can increase the risk of injury in an accident. Only use when the seat belt is not long enough when it is worn low and snug and in the recommended seating positions. Remove and store the extender when not needed.

Supplemental Restraint System (SRS) — Airbags

This vehicle has Advanced Front Airbags for both the driver and front passenger as a supplement to the seat belt restraint systems. The driver's Advanced Front Airbag is mounted in the center of the steering wheel. The passenger's Advanced Front Airbag is mounted in the

instrument panel, above the glove compartment. The words SRS AIRBAG are embossed on the airbag covers. In addition, the vehicle is equipped with a Supplemental Driver Side Knee Airbag mounted in the instrument panel below the steering column.



Advanced Front Airbag And Knee Bolster Locations

1 — Driver And Passenger Advanced Front Airbags	2 — Knee Bolster
3 — Supplemental Driver Side Knee Airbag	

NOTE: These airbags are certified to the new Federal regulations for Advanced Airbags.

The Advanced Front Airbags have a multistage inflator design. This allows the airbag to have different rates of inflation based on the severity and type of collision.

This vehicle may be equipped with driver and/or front passenger seat track position sensors that may adjust the inflation rate of the Advanced Front Airbags based upon seat position.

This vehicle may be equipped with a driver and/or front passenger seat belt buckle switch that detects whether the driver or front passenger seat belt is fastened. The seat belt buckle switch may adjust the inflation rate of the Advanced Front Airbags.

This vehicle is equipped with Supplemental Side Airbag Inflatable Curtains (SABIC) to protect the driver, front, and rear passengers sitting next to a window. The SABIC airbags are located above the side windows and their covers are also labeled: SRS AIRBAG.

This vehicle is equipped with Supplemental Seat-Mounted Side Airbags (SAB) to provide enhanced protection for an occupant during a side impact. The Supplemental Seat-Mounted Side Airbags are located in the outboard side of the front seats.

NOTE:
- Airbag covers may not be obvious in the interior trim; but they will open during airbag deployment.
- After any accident, the vehicle should be taken to an authorized dealer immediately.

Airbag System Components

Your vehicle may be equipped with the following airbag system components:

- Occupant Restraint Controller (ORC)
- Airbag Warning Light
- Steering Wheel and Column

- Instrument Panel
- Supplemental Driver Side Knee Airbag
- Knee Impact Bolster
- Driver Advanced Front Airbag
- Passenger Advanced Front Airbag
- Supplemental Seat-Mounted Side Airbags (SAB)
- Supplemental Side Airbag Inflatable Curtains (SABIC)
- Front and Side Impact Sensors
- Front Seat Belt Pretensioners, Seat Belt Buckle Switch, and Seat Track Position Sensors

Advanced Front Airbag Features

The Advanced Front Airbag system has multistage driver and front passenger airbags. This system provides output appropriate to the severity and type of collision as determined by the Occupant Restraint Controller (ORC), which may receive information from the front impact sensors.

The first stage inflator is triggered immediately during an impact that requires airbag deployment. This low output is used in less severe collisions. A higher energy output is used for more severe collisions.

WARNING!

- **No objects should be placed over or near the airbag on the instrument panel, because any such objects could cause harm if the vehicle is in a collision severe enough to cause the airbag to inflate.**

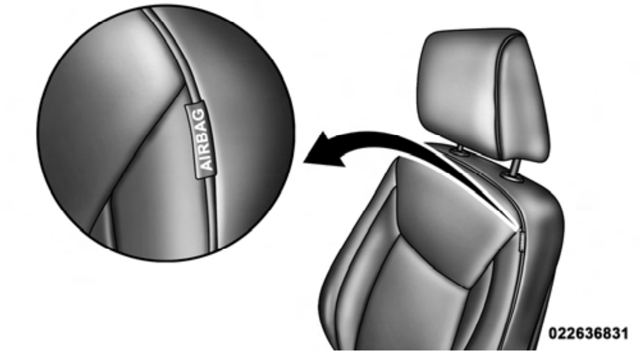
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WARNING! (Continued)

- **Do not put anything on or around the airbag covers or attempt to open them manually. You may damage the airbags and you could be injured because the airbags may no longer be functional. The protective covers for the airbag cushions are designed to open only when the airbags are inflating.**
- **Do not drill, cut or tamper with the knee bolster in any way.**
- **Do not mount any accessories to the knee bolster such as alarm lights, stereos, citizen band radios, etc.**

Supplemental Seat-Mounted Side Airbags (SAB)

Supplemental Seat-Mounted Side Airbags may provide enhanced protection to help protect an occupant during a side impact. The Supplemental Seat-Mounted Side Airbag is marked with an airbag label sewn into the outboard side of the front seats.



Supplemental Seat-Mounted Side Airbag Label

When the airbag deploys, it opens the seam between the front and side of the seat's trim cover. Each airbag

deploys independently, that is a left side impact deploys the left airbag only and a right-side impact deploys only the right airbag.

Supplemental Side Airbag Inflatable Curtain (SABIC)

SABIC airbags may offer side-impact protection to front and rear seat outboard occupants in addition to that provided by the body structure. Each airbag features inflated chambers placed adjacent to the head of each outboard occupant that reduce the potential for side-impact head injuries. The curtains deploy downward, covering both windows on the impact side.



Supplemental Side Airbag Inflatable Curtains (SABIC) Label Location

NOTE:

- Airbag covers may not be obvious in the interior trim; but they will open during airbag deployment.
- Being too close to the side airbags during deployment could cause you to be severely injured or killed.

The system includes side impact sensors adjacent to both front and rear seat occupants that are calibrated to deploy the side airbags during impacts that require airbag occupant protection.

WARNING!

- **Your vehicle is equipped with left and right Supplemental Side Airbag Inflatable Curtain (SABIC), do not stack luggage or other cargo up high enough to block the location of the SABIC. The area where the SABIC is located should remain free from any obstructions.**
- **Do not use accessory seat covers or place objects between you and the side airbags; the performance could be adversely affected and/or objects could be pushed into you, causing serious injury.**

Supplemental Driver Side Knee Airbag

The Supplemental Driver Side Knee Airbag provides enhanced protection and works together with the Driver Advanced Front Airbag during a frontal impact.

Knee Impact Bolsters

The Knee Impact Bolsters help protect the knees of the driver and the front passenger, and position front occupants for the best interaction with the Advanced Front Airbags.

Along with seat belts and pretensioners, Advanced Front Airbags work with the Supplemental Driver Side Knee Airbag and the passenger side knee bolster to provide improved protection for the driver and front passenger. Side airbags also work with seat belts to improve occupant protection.

Airbag Deployment Sensors And Controls

Occupant Restraint Controller (ORC)

The **ORC** is part of a Federally regulated safety system required for this vehicle.

The ORC determines if deployment of the front and/or side airbags in a frontal or side collision is required. Based on the impact sensors signals, a central electronic ORC deploys the Advanced Front Airbags, SABIC airbags, SAB, Supplemental Driver Side Knee Airbag, and front seat belt pretensioners, as required, depending on the severity and type of impact.

Advanced Front Airbags and Supplemental Driver Side Knee Airbag are designed to provide additional protection by supplementing the seat belts in certain frontal collisions depending on the severity and type of collision. Advanced Front Airbags are not expected to reduce the risk of injury in rear, side, or rollover collisions.

The Advanced Front Airbags and Supplemental Driver Side Knee Airbag will not deploy in all frontal collisions, including some that may produce substantial vehicle damage — for example, some pole collisions, truck underrides, and angle offset collisions. On the other hand, depending on the type and location of impact, Advanced Front Airbags may deploy in crashes with little vehicle front-end damage but that produce a severe initial deceleration.

The side airbags will not deploy in all side collisions. Side airbag deployment will depend on the severity and type of collision.

Because airbag sensors measure vehicle deceleration over time, vehicle speed and damage by themselves are not good indicators of whether or not an airbag should have deployed.

Seat belts are necessary for your protection in all accidents, and also are needed to help keep you in position, away from an inflating airbag.

The ORC monitors the readiness of the electronic parts of the airbag system whenever the ignition switch is in the START or ON/RUN position. If the key is in the OFF position, in the ACC position, or not in the ignition, the airbag system is not on and the airbags will not inflate.

The ORC contains a backup power supply system that may deploy the airbags even if the battery loses power or it becomes disconnected prior to deployment.



Also, the ORC turns on the Airbag Warning Light in the instrument panel for approximately four to eight seconds for a self-check when the ignition is first turned on. After the self-check, the Airbag Warning Light will turn off. If the ORC detects a malfunction in any part of the system, it turns on the Airbag Warning Light, either momentarily or continuously. A single chime will sound if the light comes on again after initial startup.

It also includes diagnostics that will illuminate the instrument cluster Airbag Warning Light if a malfunction is noted that could affect the airbag system. The diagnostics also record the nature of the malfunction.

WARNING!

Ignoring the Airbag Warning Light in your instrument panel could mean you won't have the airbags to protect you in a collision. If the light does not come on as a bulb check when the ignition is first turned on, stays on after you start the vehicle, or if it comes on as you drive, have an authorized dealer service the airbag system immediately.

Driver And Passenger Advanced Front Airbag Inflator Units

The Driver and Passenger Advanced Front Airbag Inflator Units are located in the center of the steering wheel and the right side of the instrument panel. When the ORC detects a collision requiring the Advanced Front Airbags, it signals the inflator units. A large quantity of non-toxic gas is generated to inflate the Advanced Front Airbags. Different airbag inflation rates are possible, based on the collision type and severity. The steering wheel hub trim cover and the upper right side of the instrument panel separate and fold out of the way as the airbags inflate to their full size. The airbags fully inflate in about 50 to 70 milliseconds. This is about half of the time it takes to blink your eyes. The airbags then quickly deflate while helping to restrain the driver and front passenger.

The Advanced Front Airbag gas is vented through the vent holes in the sides of the airbag. In this way, the airbags do not interfere with your control of the vehicle.

Supplemental Driver Side Knee Airbag Inflator Unit

The Supplemental Driver Side Knee Airbag unit is located in the instrument panel trim beneath the steering column. When the ORC detects a collision requiring the airbag, it signals the inflator units. A large quantity of non-toxic gas is generated to inflate the Supplemental Driver Side Knee Airbag. The trim cover separates and folds out of the way allowing the airbag to inflate to the full size. The airbag fully inflates in about 15 to 20 milliseconds. The Supplemental Driver Side Knee Airbag gas is vented through small vent holes in the side of airbag.

Supplemental Seat-Mounted Side Airbag (SAB) Inflator Units

The Supplemental Seat-Mounted Side Airbags (SAB) are designed to activate only in certain side collisions.

The ORC determines if a side collision requires the side airbags to inflate based on the severity and type of collision.

Based on the severity and type of collision, the side airbag inflator on the crash side of the vehicle may be triggered, releasing a quantity of non-toxic gas. The inflating SAB exits through the seat seam into the space between the occupant and the door. The SAB fully inflate in about 10 milliseconds. The side airbag moves at a very high speed and with such a high force, that it could injure you if you are not seated properly, or if items are positioned in the area where the side airbag inflates. This especially applies to children.

Supplemental Side Airbag Inflatable Curtain (SABIC) Inflator Units

During collisions where the impact is confined to a particular area of the side of the vehicle, the ORC may deploy the SABIC airbags, depending on the severity and type of collision. In these events, the ORC will deploy the SABIC only on the impact side of the vehicle.

A quantity of non-toxic gas is generated to inflate the side curtain airbag. The inflating side curtain airbag pushes the outside edge of the headliner out of the way and covers the window. The airbag inflates in about 30 milliseconds (about one-quarter of the time that it takes to blink your eyes) with enough force to injure you if you are not belted and seated properly, or if items are positioned in the area where the side curtain airbag inflates. This especially applies to children. The side curtain airbag is only about 3-1/2 in (9 cm) thick when it is inflated.

Because airbag sensors estimate deceleration over time, vehicle speed and damage are not good indicators of whether or not an airbag should have deployed.

Front And Side Impact Sensors

In front and side impacts, impact sensors can aid the ORC in determining appropriate response to impact events.

Enhanced Accident Response System

In the event of an impact causing airbag deployment, if the communication network remains intact, and the power remains intact, depending on the nature of the event the ORC will determine whether to have the Enhanced Accident Response System perform the following functions:

- Cut off fuel to the engine.
- Flash hazard lights as long as the battery has power or until the ignition key is turned off.
- Turn on the interior lights, which remain on as long as the battery has power, until the ignition key is removed or the ignition switch is changed to OFF using the Keyless Go Start/Stop button.
- Unlock the doors automatically.

If A Deployment Occurs

The front airbags are designed to deflate immediately after deployment.

NOTE: Front and/or side airbags will not deploy in all collisions. This does not mean something is wrong with the airbag system.

If you do have a collision which deploys the airbags, any or all of the following may occur:

- The nylon airbag material may sometimes cause abrasions and/or skin reddening to the driver and front passenger as the airbags deploy and unfold. The abrasions are similar to friction rope burns or those

you might get sliding along a carpet or gymnasium floor. They are not caused by contact with chemicals. They are not permanent and normally heal quickly. However, if you haven't healed significantly within a few days, or if you have any blistering, see your doctor immediately.

- As the airbags deflate, you may see some smoke-like particles. The particles are a normal by-product of the process that generates the non-toxic gas used for airbag inflation. These airborne particles may irritate the skin, eyes, nose, or throat. If you have skin or eye irritation, rinse the area with cool water. For nose or throat irritation, move to fresh air. If the irritation continues, see your doctor. If these particles settle on your clothing, follow the garment manufacturer's instructions for cleaning.

Do not drive your vehicle after the airbags have deployed. If you are involved in another collision, the airbags will not be in place to protect you.

WARNING!

Deployed airbags and seat belt pretensioners cannot protect you in another collision. Have the airbags, seat belt pretensioners, and the front seat belt retractor assemblies replaced by an authorized dealer immediately. Also, have the Occupant Restraint Controller (ORC) system serviced as well.

Maintaining Your Airbag System

WARNING!

- **Modifications to any part of the airbag system could cause it to fail when you need it. You could be injured if the airbag system is not there to protect you. Do not modify the components or wiring, including adding any kind of badges or stickers to the steering wheel hub trim cover or the upper right side of the instrument panel. Do not modify the front bumper, vehicle body structure, or add aftermarket side steps or running boards.**
- **It is dangerous to try to repair any part of the airbag system yourself. Be sure to tell anyone who works on your vehicle that it has an airbag system.**

(Continued)

WARNING! (Continued)

- **Do not attempt to modify any part of your airbag system. The airbag may inflate accidentally or may not function properly if modifications are made. Take your vehicle to an authorized dealer for any airbag system service. If your seat including your trim cover and cushion needs to be serviced in any way (including removal or loosening/tightening of seat attachment bolts), take the vehicle to your authorized dealer. Only manufacturer approved seat accessories may be used. If it is necessary to modify the airbag system for persons with disabilities, contact your authorized dealer.**

Airbag Warning Light



You will want to have the airbags ready to inflate for your protection in a collision. The Airbag Warning Light monitors the internal circuits and interconnecting wiring associated with airbag system electrical components. While the airbag system is designed to be maintenance free, if any of the following occurs, have an authorized dealer service the airbag system immediately.

- The Airbag Warning Light does not come on during the four to eight seconds when the ignition switch is first turned to the ON/RUN position.
- The Airbag Warning Light remains on after the four to eight-second interval.
- The Airbag Warning Light comes on intermittently or remains on while driving.

NOTE: If the speedometer, tachometer, or any engine related gauges are not working, the Occupant Restraint Controller (ORC) may also be disabled. The airbags may not be ready to inflate for your protection. Promptly check the fuse block for blown fuses. Refer to the label located on the inside of the fuse block cover for the proper airbag fuses. See your authorized dealer if the fuse is good.

Event Data Recorder (EDR)

This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating;
- Whether or not the driver and passenger safety belts were buckled/fastened;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal; and,
- How fast the vehicle was traveling.

These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

NOTE: EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g. name, gender, age, and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

Child Restraints

Everyone in your vehicle needs to be buckled up all the time, including babies and children. Every state in the United States and all Canadian provinces require that small children ride in proper restraint systems. This is the law, and you can be prosecuted for ignoring it.

Children 12 years and younger should ride properly buckled up in a rear seat, if available. According to crash statistics, children are safer when properly restrained in the rear seats rather than in the front.

WARNING!

In a collision, an unrestrained child, even a tiny baby, can become a projectile inside the vehicle. The force required to hold even an infant on your lap could become so great that you could not hold the child, no matter how strong you are. The child and others could be badly injured. Any child riding in your vehicle should be in a proper restraint for the child's size.

There are different sizes and types of restraints for children from newborn size to the child almost large enough for an adult safety belt. Always check the child seat Owner's Manual to ensure you have the correct seat for your child. Use the restraint that is correct for your child.

Infants And Child Restraints

- Safety experts recommend that children ride rearward-facing in the vehicle until they are at least one year old and weigh at least 20 lbs (9 kg). Two types of child restraints can be used rearward-facing, infant carriers and convertible child seats.
- The infant carrier is only used rearward-facing in the vehicle. It is recommended for children who weigh up to about 20 lbs (9 kg). Convertible child seats can be used either rearward-facing or forward-facing in the vehicle. Convertible child seats often have a higher weight limit in the rearward-facing direction than infant carriers do, so they can be used rearward-facing by children who weigh more than 20 lbs (9 kg) but are less than one year old. Both types of child restraints are held in the vehicle by the lap/shoulder belt or the LATCH child restraint anchorage system. Refer to "Lower Anchors and Tether for CHildren (LATCH)".

WARNING!

Rearward-facing child seats must never be used in the front seat of a vehicle with the front passenger airbag unless the airbag is turned off. An airbag deployment could cause severe injury or death to infants in this position.

Older Children And Child Restraints

Children who weigh more than 20 lbs (9 kg) and who are older than one year can ride forward-facing in the vehicle. Forward-facing child seats and convertible child seats used in the forward-facing direction are for children who weigh 20 to 40 lbs (9 to 18 kg) and who are older than one year. These child seats are also held in the vehicle by the lap/shoulder belt or the LATCH child restraint anchorage system. Refer to “Lower Anchors and Tether for CHildren (LATCH)”.

The belt-positioning booster seat is for children weighing more than 40 lbs (18 kg), but who are still too small to fit the vehicle’s seat belts properly. If the child cannot sit with knees bent over the vehicle’s seat cushion while the child’s back is against the seatback, they should use a belt-positioning booster seat. The child and belt-positioning booster seat are held in the vehicle by the lap/shoulder belt.

Children Too Large For Booster Seats

Children who are large enough to wear the shoulder belt comfortably and whose legs are long enough to bend over the front of the seat when their back is against the seatback should use the lap/shoulder belt in a rear seat.

- Make sure that the child is upright in the seat.
- The lap portion should be low on the hips and as snug as possible.

- Check belt fit periodically. A child's squirming or slouching can move the belt out of position.
- If the shoulder belt contacts the face or neck, move the child closer to the center of the vehicle. Never allow a child to put the shoulder belt under an arm or behind their back.

NOTE: For additional information, refer to www.seatcheck.org or call 1–866–SEATCHECK. Canadian residents, should refer to Transport Canada's website for additional information. http://www.tc.gc.ca/roadsafety/safedrivers/childsafety/index.htm

WARNING!

- **Improper installation can lead to failure of an infant or child restraint. It could come loose in a collision. The child could be badly injured or killed. Follow the manufacturer's directions exactly when installing an infant or child restraint.**
- **A rearward-facing child restraint should only be used in a rear seat. A rearward-facing child restraint in the front seat may be struck by a deploying passenger airbag, which may cause severe or fatal injury to the infant.**

Here are some tips on getting the most out of your child restraint:

- Before buying any restraint system, make sure that it has a label certifying that it meets all applicable Safety Standards. Chrysler Group LLC also recommends that

you make sure that you can install the child restraint in the vehicle where you will use it before you buy it.

- The restraint must be appropriate for your child's weight and height. Check the label on the restraint for weight and height limits.
- Carefully follow the instructions that come with the restraint. If you install the restraint improperly, it may not work when you need it.
- Buckle the child into the seat according to the child restraint manufacturer's directions.

WARNING!

When your child restraint is not in use, secure it in the vehicle with the seat belt or remove it from the vehicle. Do not leave it loose in the vehicle. In a sudden stop or accident, it could strike the occupants or seatbacks and cause serious personal injury.

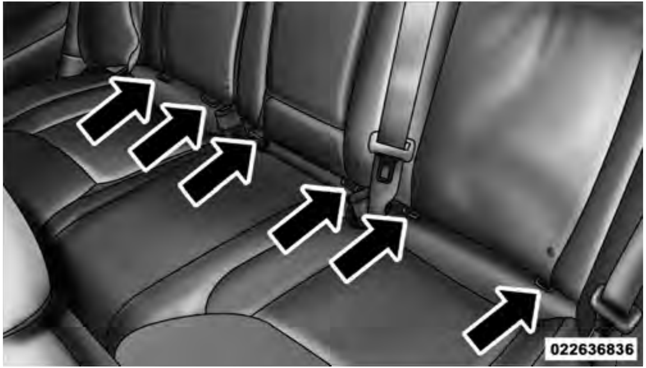
Lower Anchors and Tether for CHildren (LATCH)

Your vehicle's rear seat is equipped with the child restraint anchorage system called LATCH. The LATCH system provides for the installation of the child restraint without using the vehicle's seat belts, instead securing the child restraint using lower anchorages and upper tether straps from the child restraint to the vehicle structure.

LATCH-compatible child restraint systems are now available. However, because the lower anchorages are to be introduced over a period of years, child restraint systems having attachments for those anchorages will continue to have features for installation using the vehicle's seat belts. Child restraints having tether straps and hooks for connection to the top tether anchorages, have been available for some time. For some older child restraints, many child restraint manufacturers offer add-on tether

strap kits or retrofit kits. You are urged to take advantage of all the available attachments provided with your child restraint in any vehicle.

All three rear-seating positions have lower anchorages that are capable of accommodating LATCH-compatible child seats. You should never install LATCH-compatible child seats so that two seats share a common lower anchorage. If installing child seats in adjacent rear-seating positions, or if your child restraints are not LATCH-compatible, install the restraints using the vehicle's seat belts.



LATCH Anchorages

Installing The LATCH-Compatible Child Restraint System

We urge you to follow the manufacturer's directions carefully when installing your child restraint. Not all child restraint systems will be installed as described here.

Again, carefully follow the installation instructions that are provided with the child restraint system.



The rear seat lower anchorages are round bars located at the rear of the seat cushion where it meets the seatback and are just visible when you lean into the rear seat to install the child restraint. You will easily feel them if you run your finger along the intersection of the seatback and seat cushion surfaces.

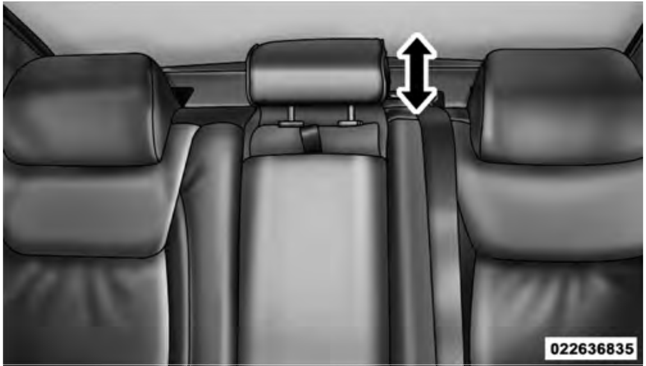


In addition, there are tether strap anchorages behind each rear seating position located in the panel between the rear seatback and the rear window. These tether strap anchorages are under a plastic cover with this symbol on it.

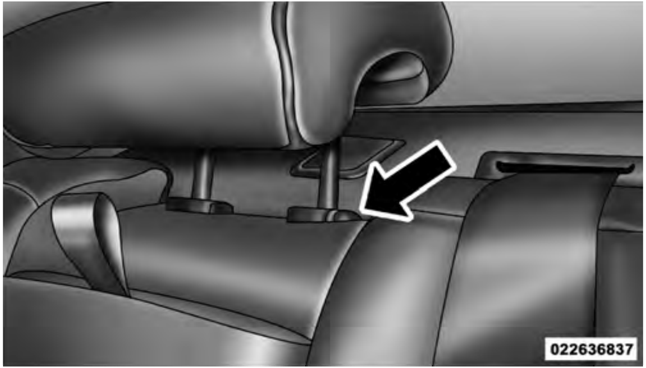
Many, but not all restraint systems will be equipped with separate straps on each side, with each having a hook or connector for attachment to the lower anchorage and a means of adjusting the tension in the strap. Forward-facing toddler restraints and some rear-facing infant restraints will also be equipped with a tether strap, a hook for attachment to the tether strap anchorage and a means of adjusting the tension of the strap.

You will first loosen the child seat adjusters on the lower straps and on the tether strap so that you can more easily attach the hooks or connectors to the vehicle anchorages. Next, attach the lower hooks or connectors over the top of the seat cover material. Then rotate the tether anchorage cover directly behind the seat where you are placing the child restraint and attach the tether strap to the anchorage, being careful to route the tether strap to provide the most direct path between the anchor and the child restraint. Finally, tighten all three straps as you push the child restraint rearward and downward into the seat, removing slack in the straps according to the child restraint manufacturer’s instructions.

For center seating position route the tether strap over the seatback and adjustable headrest then attach the hook to the tether anchor located in the panel between the rear seatback and the rear window.



Adjustable Headrest



Adjustable Headrest Release Push Button

WARNING!

An incorrectly anchored tether strap could lead to increased head motion and possible injury to the child. Use only the anchor positions directly behind the child seat to secure a child restraint top tether strap.

NOTE:

- Ensure that the tether strap does not slip into the opening between the seatbacks as you remove slack in the strap.
- When using the LATCH attaching system to install a child restraint, please ensure that all seat belts not being used for occupant restraints are stowed and out of reach of children. It is recommended that before installing the child restraint, buckle the seat belt so the seat belt is tucked behind the child restraint and out of reach. If the buckled seat belt interferes with the child restraint installation, instead of tucking the seat belt behind the child restraint, route the seat belt through the child restraint belt path and then buckle it. This should stow the seat belt out of the reach of an inquisitive child. Remind all children in the vehicle that the seat belts are not toys and should not be played with, and never leave your child unattended in the vehicle.

WARNING!

Improper installation of a child restraint to the LATCH anchorages can lead to failure of an infant or child restraint. The child could be badly injured or killed. Follow the manufacturer's directions exactly when installing an infant or child restraint.

Installing Child Restraints Using The Vehicle Seat Belts

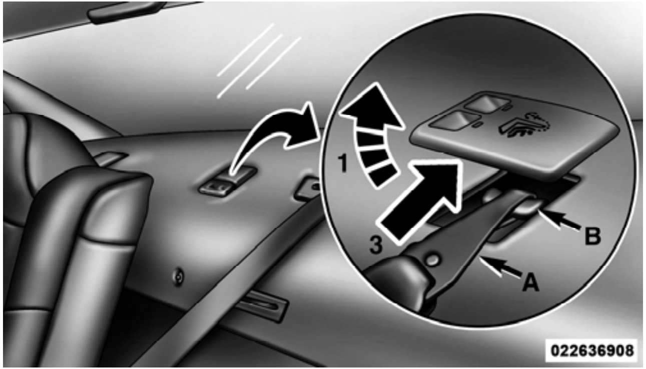
The seat belts in the passenger seating positions are equipped with an Automatic Locking Retractor (ALR) to secure a Child Restraint System (CRS). These types of seatbelts are designed to keep the lap portion of the seat belt tight around the child restraint so that it is not necessary to use a locking clip. The ALR will make a ratcheting noise if you extract the entire belt from the retractor and then allow the belt to retract into the retractor. For additional information on ALR, refer to “Automatic Locking Mode”. The chart below defines the seating positions with an Automatic Locking Retractor (ALR) or a cinching latch plate.

	Driver	Center	Passenger
	CRS Lock	CRS Lock	CRS Lock
First Row	N/A	N/A	ALR
Second Row	ALR	ALR	ALR

- N/A — Not Applicable
- ALR — Automatic Locking Retractor

To attach a child restraint tether strap:

1. Rotate the cover over the anchor directly behind the seat where you are placing the child restraint.



Tether Strap Mounting

1 — Cover	A — Tether Strap Hook
3 — Attaching Strap	B — Tether Anchor

2. Route the tether strap to provide the most direct path for the strap between the anchor and the child seat.

3. Attach the tether strap hook (A) of the child restraint to the anchor (B) and remove slack in the tether strap according to the child restraint manufacturer's instructions.

NOTE: Ensure that the tether strap does not slip into the opening between the seatbacks as you remove slack in the strap.

WARNING!

An incorrectly anchored tether strap could lead to increased head motion and possible injury to the child. Use only the anchor positions directly behind the child seat to secure a child restraint top tether strap.

Transporting Pets

Airbags deploying in the front seat could harm your pet. An unrestrained pet will be thrown about and possibly injured, or injure a passenger during panic braking or in an accident.

Pets should be restrained in the rear seat in pet harnesses or pet carriers that are secured by seat belts.

ENGINE BREAK-IN RECOMMENDATIONS

A long break-in period is not required for the engine and drivetrain (transmission and axle) in your vehicle.

Drive moderately during the first 300 miles (500 km). After the initial 60 miles (100 km), speeds up to 50 or 55 mph (80 or 90 km/h) are desirable.

While cruising, brief full-throttle acceleration within the limits of local traffic laws, contributes to a good break-in. Wide-open throttle acceleration in low gear can be detrimental and should be avoided.

The engine oil installed in the engine at the factory is a high-quality energy conserving type lubricant. Oil changes should be consistent with anticipated climate conditions under which vehicle operations will occur. For the recommended viscosity and quality grades refer to “Maintenance Procedures” in “Maintaining Your Vehicle”. NON-DETERGENT OR STRAIGHT MINERAL OILS MUST NEVER BE USED.

A new engine may consume some oil during its first few thousand miles (kilometers) of operation. This should be considered a normal part of the break-in and not interpreted as an indication of difficulty.

SAFETY TIPS

Transporting Passengers

NEVER TRANSPORT PASSENGERS IN THE CARGO AREA.

WARNING!

- **Do not leave children or animals inside parked vehicles in hot weather. Interior heat build-up may cause serious injury or death.**
- **It is extremely dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.**
- **Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.**
- **Be sure everyone in your vehicle is in a seat and using a seat belt properly.**

Exhaust Gas

WARNING!

Exhaust gases can injure or kill. They contain carbon monoxide (CO), which is colorless and odorless. Breathing it can make you unconscious and can eventually poison you. To avoid breathing (CO) follow these safety tips:

Do not run the engine in a closed garage or in confined areas any longer than needed to move your vehicle in or out of the area.

If it is necessary to sit in a parked vehicle with the engine running, adjust your heating or cooling controls to force outside air into the vehicle. Set the blower at high speed.

If you are required to drive with the trunk/liftgate open, make sure that all windows are closed and the climate control BLOWER switch is set at high speed. DO NOT use the recirculation mode.

The best protection against carbon monoxide entry into the vehicle body is a properly maintained engine exhaust system.

Whenever a change is noticed in the sound of the exhaust system, when exhaust fumes can be detected inside the vehicle, or when the underside or rear of the vehicle is damaged, have a competent mechanic inspect the complete exhaust system and adjacent body areas for broken, damaged, deteriorated, or mispositioned parts. Open seams or loose connections could permit exhaust fumes to seep into the passenger compartment. In addition, inspect the exhaust system each time the vehicle is raised for lubrication or oil change. Replace as required.

Safety Checks You Should Make Inside The Vehicle

Seat Belts

Inspect the belt system periodically, checking for cuts, frays, and loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the system.

Front seat belt assemblies must be replaced after a collision. Rear seat belt assemblies must be replaced after a collision if they have been damaged (i.e., bent retractor, torn webbing, etc.). If there is any question regarding belt or retractor condition, replace the belt.

Airbag Warning Light

The light should come on and remain on for four to eight seconds as a bulb check when the ignition switch is first turned ON. If the light is not lit during starting, see your authorized dealer. If the light stays on, flickers, or comes on while driving, have the system checked by an authorized dealer.

Defroster
Check operation by selecting the defrost mode and place the blower control on high speed. You should be able to feel the air directed against the windshield. See your authorized dealer for service if your defroster is inoperable.

Floor Mat Safety Information
Always use floor mats designed to fit the foot well of your vehicle. Use only floor mats that leave the pedal area unobstructed and that are firmly secured so that they cannot slip out of position and interfere with the pedals or impair safe operation of your vehicle in other ways.

WARNING!

Pedals that cannot move freely can cause loss of vehicle control and increase the risk of serious personal injury.

- **Always make sure that floor mats are properly attached to the floor mat fasteners.**
- **Never place or install floor mats or other floor coverings in the vehicle that cannot be properly secured to prevent them from moving and interfering with the pedals or the ability to control the vehicle.**
- **Never put floor mats or other floor coverings on top of already installed floor mats. Additional floor mats and other coverings will reduce the size of the pedal area and interfere with the pedals.**

(Continued)

WARNING! (Continued)

- **Check mounting of mats on a regular basis. Always properly reinstall and secure floor mats that have been removed for cleaning.**
- **Always make sure that objects cannot fall into the driver foot well while the vehicle is moving. Objects can become trapped under the brake pedal and accelerator pedal causing a loss of vehicle control.**
- **If required, mounting posts must be properly installed, if not equipped from the factory.**

Failure to properly follow floor mat installation or mounting can cause interference with the brake pedal and accelerator pedal operation causing loss of control of the vehicle.

Periodic Safety Checks You Should Make Outside The Vehicle

Tires

Examine tires for excessive tread wear and uneven wear patterns. Check for stones, nails, glass, or other objects lodged in the tread. Inspect the tread and sidewall for cuts and cracks. Check the wheel nuts for tightness. Check the tires (including spare) for proper pressure.

Lights

Have someone observe the operation of exterior lights while you work the controls. Check turn signal and high beam indicator lights on the instrument panel.

Door Latches

Check for positive closing, latching, and locking.

Fluid Leaks

Check area under vehicle after overnight parking for fuel, engine coolant, oil, or other fluid leaks. Also, if gasoline fumes are detected or if fuel, power steering fluid, or brake fluid leaks are suspected, the cause should be located and corrected immediately.

UNDERSTANDING THE FEATURES OF YOUR VEHICLE

CONTENTS

3

3

3

MIRRORS

Automatic Dimming Mirror

This mirror automatically adjusts for headlight glare from vehicles behind you.



Automatic Dimming Mirror

CAUTION!

To avoid damage to the mirror during cleaning, never spray any cleaning solution directly onto the mirror. Apply the solution onto a clean cloth and wipe the mirror clean.

Outside Mirrors

To receive maximum benefit, adjust the outside mirror(s) to center on the adjacent lane of traffic and a slight overlap of the view obtained from the inside mirror.

NOTE: The passenger side convex outside mirror will give a much wider view to the rear, and especially of the lane next to your vehicle.

WARNING!

Vehicles and other objects seen in the passenger side convex mirror will look smaller and farther away than they really are. Relying too much on your passenger side convex mirror could cause you to collide with another vehicle or other object. Use your inside mirror when judging the size or distance of a vehicle seen in the passenger side convex mirror.

Outside Mirrors Folding Feature — If Equipped

Some models have outside mirrors that are hinged. The hinge allows the mirror to pivot forward and rearward to resist damage. The hinge has three detent positions: full forward, full rearward and normal.

Driver's Automatic Dimming Mirror — If Equipped

The driver's outside mirror will automatically adjust for glare from vehicles behind you. This feature is controlled by the inside automatic dimming mirror and can be turned on or off by pressing the button at the base of the inside mirror. The mirror will automatically adjust for headlight glare when the inside mirror adjusts.

NOTE: This feature is also available on the passenger's side when equipped with turn signal and approach lighting.

Outside Mirrors With Turn Signal And Approach Lighting — If Equipped

Driver and passenger outside mirrors with turn signal and approach lighting contain four LEDs, which are located in the upper outer corner of each mirror.

Three of the LEDs are turn signal indicators, which flash with the corresponding turn signal lights in the front and rear of the vehicle. Turning on the Hazard Warning flashers will also activate these LEDs.

The fourth (uppermost) LED supplies illuminated entry lighting, which turns on in both mirrors when you use

the Remote Keyless Entry (RKE) transmitter or open any door. This LED shines outward to illuminate the front and rear door handles. It also shines downward to illuminate the area in front of the doors.

The Illuminated Entry lighting fades to off after about 30 seconds or it will fade to off immediately once the ignition is placed into the RUN position.

NOTE: The approach lighting will not function when the shift lever is moved out of the PARK position.

Tilt Mirrors In Reverse — If Equipped

Tilt Mirrors in Reverse provides automatic outside mirror positioning which will aid the driver's view of the ground rearward of the front doors. The outside mirrors will move slightly downward from the present position when the vehicle is shifted into REVERSE. The outside mirrors will then return to the original position when the vehicle is shifted out of the REVERSE position. Each stored memory setting will have an associated Tilt Mirrors in Reverse position.

NOTE: The Tilt Mirrors in Reverse feature can be turned on and off using the Uconnect™ Touch System, refer to "Uconnect™ Touch Settings" in "Understanding Your Instrument Panel" for further information.

Power Mirrors

The power mirror controls are located on the driver-side door trim panel.



Power Mirror Control

The power mirror controls consist of mirror select buttons and a four-way mirror control switch. To adjust a mirror, press the mirror select button for the mirror that you want to adjust. Using the mirror control switch, press on any of the four arrows for the direction that you want the mirror to move.

NOTE: A light in the select button will illuminate indicating the mirror is activated and can be adjusted.

Power mirror preselected positions can be controlled by the optional Memory Seat Feature. Refer to "Driver Memory Seat" in "Understanding the Features of Your Vehicle" for further information.

Power Folding Outside Mirrors — If Equipped

The switch for the power folding mirrors is located between the power mirror switches L (left) and R (right). Press the switch once and the mirrors will fold in, pressing the switch a second time will return the mirrors to the normal driving position.

NOTE: Pressing the power folding mirror switch for more than four seconds, or if the vehicle speed is greater than 5 mph (8 km/h) will disable the folding feature.

If the mirrors are in the folded position, and vehicle speed is equal or greater than 5 mph (8 km/h), they will automatically unfold.

Heated Mirrors — If Equipped

These mirrors are heated to melt frost or ice. This feature is activated whenever you turn on the rear window defroster. Refer to “Rear Window Features” in “Understanding T he Features of Your Vehicle” for further information.

Illuminated Vanity Mirrors — If Equipped

An illuminated vanity mirror is located on the sun visor. To use the mirror, rotate the sun visor downward and swing the mirror cover upward. The light turns on automatically. Closing the mirror cover turns off the light.

UCONNECT™ TOUCH 8.4/8.4 Nav

Uconnect™ Phone

Uconnect™ Phone is a voice-activated, hands-free, in-vehicle communications system. Uconnect™ Phone allows you to dial a phone number with your mobile phone.

Uconnect Phone supports the following features:

Voice Activated Features:

- Hands Free dialing via Voice (“Call John Smiths Mobile” or, “Dial 248 555-1212”).
- Hands Free text to speech listening of your incoming SMS messages.
- Hands Free text messaging (“Send a message to John Smiths Mobile”).
- Redialing last dialed numbers (“Redial”).
- Calling Back the last incoming call number (“Call Back”).
- View Call logs on screen (“Show incoming calls”, “Show Outgoing calls”, “Show missed Calls”, “Show Recent Calls”).
- Searching Contacts phone number (“Search for John Smith Mobile”).

Screen Activated Features:

- Dialing via Keypad using touch screen.
- Viewing and Calling contacts from Phonebooks displayed on the touch screen.
- Setting Favorite Contact Phone numbers so the are easily accessible on the Main Phone screen.
- Viewing and Calling contacts from Recent Call logs.
- Reviewing your recent Incoming SMS.
- Sending a text message via the touch screen.
- Listen to Music on your Bluetooth® Device via the touch screen.
- Pairing up to 10 phones/audio devices for easy access to connect to them quickly.

NOTE: Your phone must be capable of SMS messaging via Bluetooth® for messaging features to work properly.

Your mobile phone's audio is transmitted through your vehicle's audio system; the system will automatically mute your radio when using the Uconnect™ Phone.

For Uconnect™ customer support call:

- For Chrysler vehicles call 1–800–247–9753
- For Dodge vehicles call 1–800–423–6343
- For Jeep vehicles call 1–877–426–5337
- For Ram Truck vehicles call 1–866–726–4636

For a list of compatible phones see the Uconnect™ websites:

- www.chrysler.com/crossbrand/uconnect/chrysler/interface.html
- www.chrysler.com/crossbrand/uconnect/dodge/interface.html
- www.chrysler.com/crossbrand/uconnect/jeep/interface.html

Uconnect™ Phone allows you to transfer calls between the system and your mobile phone as you enter or exit your vehicle and enables you to mute the system's microphone for private conversation.

WARNING!

Any voice commanded system should be used only in safe driving conditions following local laws and phone use. All attention should be kept on the roadway ahead. Failure to do so may result in an accident causing serious injury or death.

The Uconnect™ Phone is driven through your Bluetooth® "Hands-Free Profile" mobile phone. Uconnect™ features Bluetooth® technology - the global standard that enables different electronic devices to connect to each other without wires or a docking station, so Uconnect™ Phone works no matter where you stow your mobile phone (be it your purse, pocket, or briefcase), as long as your phone is turned on and has been paired to the vehicle's Uconnect™ Phone. The Uconnect™ Phone allows up to ten mobile phones or audio devices to be linked to the system. Only one linked (or paired) mobile phone and one audio device can be used with the system at a time. The system is available in English, Spanish, or French languages.

Uconnect™ Phone Button



The Uconnect™ Phone Button is used to get into the phone mode and make calls, show recent, incoming, outgoing calls, view phonebook etc., When you press the button you will hear a BEEP. The beep is your signal to give a command.

Uconnect™ Voice Command Button



The Uconnect™ Voice Command Button is only used for "barge in" and when you are already in a call and you want to send Tones or make another call.

The button is also used to access the Voice Commands for the Uconnect™ Voice Command features if your vehicle is equipped. Please see the Uconnect™ Voice Command section for direction on how to use the button.

The Uconnect™ Phone is fully integrated with the vehicle's audio system. The volume of the Uconnect™ Phone can be adjusted either from the radio volume control knob or from the steering wheel radio control (right switch), if so equipped.

Operation

Voice commands can be used to operate the Uconnect™ Phone and to navigate through the Uconnect™ Phone menu structure. Voice commands are required after most Uconnect™ Phone prompts. There are two general methods for how Voice Command works:

1. Say compound commands like “Call John Smith mobile”.

2. Say the individual commands and allow the system to guide you to complete the task.

You will be prompted for a specific command and then guided through the available options.

- Prior to giving a voice command, one must wait for the beep, which follows the “Listen” prompt or another prompt.
- For certain operations, compound commands can be used. For example, instead of saying “Call” and then “John Smith” and then “mobile”, the following compound command can be said: “Call John Smith mobile”.
- For each feature explanation in this section, only the combined form of the voice command is given. You can also break the commands into parts and say each part of the command when you are asked for it. For

example, you can use the combined form voice command "Search for John Smith", or you can break the combined form command into two voice commands: "Search Contact" and when asked "John Smith". Please remember, the Uconnect™ Phone works best when you talk in a normal conversational tone, as if speaking to someone sitting a few feet/meters away from you.

Natural Speech

Your Uconnect™ Phone Voice system uses a Natural Language Voice Recognition (VR) engine.

Natural speech allows the user to speak commands in phrases or complete sentences. The system filters out certain non-word utterances and sounds such as "ah" and "eh". The system handles fill-in words such as "I would like to".

The system handles multiple inputs in the same phrase or sentence such as "make a phone call" and "to Kelly Smith". For multiple inputs in the same phrase or sentence, the system identifies the topic or context and provides the associated follow-up prompt such as "Who do you want to call?" in the case where a phone call was requested but the specific name was not recognized.

The system utilizes continuous dialog; when the system requires more information from the user it will ask a question to which the user can respond without pressing the Push-To-Talk (PTT) button.

Voice Command Tree

Refer to "Voice Tree" in this section.

Help Command

If you need assistance at any prompt, or if you want to know your options at any prompt, say "Help" following the beep.

To activate the Uconnect™ Phone from idle, simply press the button and say a command or say “help”. All Uconnect™ Phone sessions begin with a press of the button on the radio control head.

Cancel Command

At any prompt, after the beep, you can say “Cancel” and you will be returned to the main menu.

You can also press the or buttons when the system is listening for a command and be returned to the main or previous menu.

NOTE: Pressing the or buttons while the system is playing is known as “Barging In”, refer to “Barge In — Overriding Prompts” for further information.

Pair (Link) Uconnect™ Phone To A Mobile Phone

To begin using your Uconnect™ Phone, you must pair your compatible Bluetooth® enabled mobile phone.

To complete the pairing process, you will need to reference your mobile phone Owner’s Manual. The Uconnect™ website may also provide detailed instructions for pairing.

NOTE:

- You must have Bluetooth® enabled on your phone to complete this procedure.
- The vehicle must be in Park.

1. Press the Phone soft-key on the screen to begin.

2. If there is no phone currently connected with the system, a pop up will appear.



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3. Select Yes to begin the pairing process. Then, search for available devices on your Bluetooth® enabled mobile phone. When prompted on the phone, enter the name and PIN shown on the Uconnect™ Touch screen.

- If No is selected, touch the settings soft-key from the Uconnect™ Phone main screen.
- Touch the Add Device soft-key.
- Search for available devices on your Bluetooth® enabled mobile phone. When prompted on the phone, enter the name and PIN shown on the Uconnect™ Touch screen.
- See step 4 to complete the process.

4. Uconnect Phone will display an in process screen while the system is connecting.



5. When the pairing process has successfully completed, the system will prompt you to choose whether or not this is your favorite phone. Selecting Yes will make this phone the highest priority. This phone will take precedence over other paired phones within range.

Pair Additional Mobile Phones

- Touch the More soft-key to begin.
- Touch the Settings soft-key.
- Next, touch the Phone/Bluetooth® soft-key.
- Touch the Add Device soft-key.
- Search for available devices on your Bluetooth® enabled mobile phone. When prompted on the phone, enter the name and PIN shown on the Uconnect™ Touch screen.
- Uconnect Phone will display an in process screen while the system is connecting.

- When the pairing process has successfully completed, the system will prompt you to choose whether or not this is your favorite phone. Selecting Yes will make this phone the highest priority. This phone will take precedence over other paired phones within range.



NOTE: For phones which are not made a favorite, the phone priority is determined by the order in which it was paired. The latest phone paired will have the higher priority.

You can also use the following VR commands to bring up the Paired Phone screen from any screen on the radio:

- "Show Paired Phones" or
- "Connect My Phone"

Pair A Bluetooth® Streaming Audio Device

- Touch the Player soft-key to begin.
- Change the Source to Bluetooth®.
- Touch the Bluetooth® soft-key.
- Touch the Add Device soft-key.

NOTE: If there is no device currently connected with the system, a pop up will appear.

- Search for available devices on your Bluetooth® enabled audio device. When prompted on the device, enter the name and PIN shown on the Uconnect™ Touch screen.
- Uconnect™ Phone will display an in process screen while the system is connecting.
- When the pairing process has successfully completed, the system will prompt you to choose whether or not this is your favorite device. Selecting Yes will make this device the highest priority. This device will take precedence over other paired devices within range.

NOTE: For devices which are not made a favorite, the device priority is determined by the order in which it was paired. The latest device paired will have the higher priority.

You can also use the following VR command to bring up a list of paired audio devices.

- "Show Paired Audio Devices"

Connecting To A Particular Mobile Phone Or Device

Uconnect™ Phone will automatically connect to the highest priority paired phone and Bluetooth® audio device within range. If you would need to choose a particular phone or device follow the steps:

- Touch the Phone soft-key.
- Touch the Settings soft-key.
- Touch to select the particular phone or device.
- Touch the X to exit out of the Settings screen.

Disconnecting A Device

- Touch the Phone soft-key.
- Touch the Settings soft-key.

- Touch the + Options soft-key, then touch the + next to the appropriate device to be disconnected.
- The options pop-up will be displayed.
- Touch the Disconnect Device soft-key.
- Touch the X to exit out of the Settings screen.

Deleting A Device

- Touch the Phone soft-key.
- Touch the Settings soft-key.
- Touch the + Options soft-key, then touch the + next to the appropriate device to be disconnected.
- The options pop-up will be displayed.
- Touch the Delete Device soft-key.
- Touch the X to exit out of the Settings screen.

Making A Phone A Favorite

- Touch the Phone soft-key.
- Touch the Settings soft-key.
- Touch the + Options soft-key, then touch the + next to the appropriate device to be disconnected.
- The options pop-up will be displayed.
- Touch the Make Favorite soft-key.
- You will see the chosen device move to the top of the list.
- Touch the X to exit out of the Settings screen.

Phonebook Download — Automatic Phonebook Transfer From Mobile Phone

If equipped and specifically supported by your phone, Uconnect™ Phone automatically downloads names (text names) and number entries from the mobile phone's

phonebook. Specific Bluetooth® Phones with Phone Book Access Profile may support this feature. See Uconnect™ website for supported phones.

- To call a name from a downloaded mobile phonebook, follow the procedure in “Call by Saying a Name” section.
- Automatic download and update, if supported, begins as soon as the Bluetooth® wireless phone connection is made to the Uconnect™ Phone, for example, after you start the vehicle.
- A maximum of 1000 entries per phone will be downloaded and updated every time a phone is connected to the Uconnect™ Phone.
- Depending on the maximum number of entries downloaded, there may be a short delay before the latest downloaded names can be used. Until then, if available, the previous downloaded phonebook is available for use.
- Only the phonebook of the currently connected mobile phone is accessible.
- This downloaded phonebook cannot be edited or deleted on the Uconnect™ Phone. These can only be edited on the mobile phone. The changes are transferred and updated to Uconnect™ Phone on the next phone connection.

Managing Your Favorite Phonebook

There are three ways you can add an entry to your Favorite Phonebook.

1. During an active call of a number to make a favorite, touch and hold a favorite button on the top of the phone main screen.

2. After loading the mobile phonebook, select phonebook from the Phone main screen, then select the appropriate number. Touch the + next to the selected number to display the options pop up. In the pop up select Add to Favorites.



NOTE: If the Favorites list is full, you will be asked to remove an existing favorite.

3. From the Phone main screen, select phonebook. From the phonebook screen, select favorites and then select the + Options. Select an empty entry and touch the + on that selected entry. When the Options pop up appears, touch Add from mobile. You will then be asked which contact and number to choose from your mobile phonebook. When complete the new favorite will be shown.



To Remove A Favorite

- To remove a Favorite, select phonebook from the Phone main screen.
- Next select Favorites on the left side of the screen and then touch the + Options soft-key.
- Touch the + next to the Favorite you would like to remove.



- The Options pop up will display, touch Remove from Favs.

Emergency And Towing Assistance

The Emergency and Towing Favorite numbers can only be altered. These cannot be deleted and the names cannot be changed.

To change the Emergency or Towing number follow these steps.

- Touch the phonebook soft-key from the Phone main screen.
- Touch the Favorites soft-key. Next scroll to the bottom of the list to locate the Emergency and Towing Favorites.
- Touch the + Options soft-key.
- Touch the + next to appropriate Favorite that is to be altered.



- The Options pop will appear and you can choose between Editing the number or resetting the number to default.

Phone Call Features

The following features can be accessed through the Uconnect™ Phone if the feature(s) are available and supported by Bluetooth® on your mobile service plan.

For example, if your mobile service plan provides three-way calling, this feature can be accessed through the Uconnect™ Phone. Check with your mobile service provider for the features that you have.

Ways To Initiate A Phone Call

Listed below are all the ways you can initiate a phone call with Uconnect™ Phone.

- Redial
- Dial by touching in the number
- Voice Command Dial (Digital, Contact, Redial, or Call Back)
- Favorite Phonebook
- Mobile Phonebook
- Recent Call Log
- SMS Message Viewer

NOTE: All of the above operations except Redial can be done with 1 call or less active.

Dial By Saying A Number

- Press the button to begin.
- After the “Listening” prompt and the following beep, say “Dial 248-555-1212”.
- The Uconnect™ Phone will dial the number 248-555-1212.

Call By Saying A Name

- Press the button to begin.
- After the “Listening” prompt and the following beep, say “Call John Doe Mobile”.
- The Uconnect™ Phone will dial the number associated with John Doe, or if there are multiple numbers it will ask which number you want to call for John Doe.

Call Controls

The touch-screen allows you to control the following call features:

- Answer
- End
- Ignore
- Hold/unhold
- Mute/unmute
- Transfer the call to/from the phone
- Swap 2 active calls
- Conference/join 2 active calls together

Touch-Tone Number Entry

- Touch the Phone soft-key.
- Touch the Dial soft-key.
- The Touch-Tone screen will be displayed.
- Use the numbered soft-keys to enter the number and touch Call.

To send a touch tone using Voice Recognition (VR), press the  button while in a call and say “Send 1234#” or you can say “Send Voicemail Password” if Voicemail password is stored in your mobile phonebook.

Recent Calls

You may browse up to 34 of the most recent of each of the following call types:



- Incoming Calls
- Outgoing Calls
- Missed Calls
- All Calls

These can be accessed by touching the recent calls soft-key on the Phone main screen.

You can also press the button and say “Show my incoming calls” from any screen and the Incoming calls will be displayed.

NOTE: Incoming can also be replaced with “Outgoing”, “Recent” or “Missed”.

3

Answer Or Ignore An Incoming Call — No Call Currently In Progress

When you receive a call on your mobile phone, the Uconnect™ Phone will interrupt the vehicle audio system, if on, and will ask if you would like to answer the call. Press the button to accept the call. To ignore the call, touch the “Ignore” soft-key on the touch-screen. You can also touch the answer soft-key or touch the blue caller ID box.

Answer Or Ignore An Incoming Call — Call Currently In Progress

If a call is currently in progress and you have another incoming call, you will hear the same network tones for call waiting that you normally hear when using your mobile phone. Press the phone button, answer soft-key or caller ID box to place the current call on hold and answer the incoming call.

NOTE: The Uconnect™ Phone compatible phones in the market today do not support rejecting an incoming call when another call is in progress. Therefore, the user can only answer an incoming call or ignore it.

Making A Second Call While Current Call Is In Progress

To make a second call while you are currently on a call, press the VR button and say “Dial” or “Call” followed by the phone number or phonebook entry you wish to call. The first call will be on hold while the second call is in progress. Or you can place a call on hold by touching the Hold soft-key on the Phone main screen, then dial a number from the dialpad, recent calls, SMS Inbox or from the phonebooks. To go back to the first call, refer to “Toggling Between Calls” in this section. To combine two calls, refer to “Conference Call” in this section.

Place/Retrieve A Call From Hold

During an active call, touch the Hold soft-key on the Phone main screen.

Toggling Between Calls

If two calls are in progress (one active and one on hold), touch the Swap soft-key on the Phone main screen. Only one call can be placed on hold at a time.

You can also press the button to toggle between the active and held phone call.

Conference Call

When two calls are in progress (one active and one on hold), touch the Conference soft-key on the Phone main screen to combine all calls into a Conference Call.

Call Termination

To end a call in progress, momentarily press the button or the end soft-key. Only the active call(s) will be terminated and if there is a call on hold, it will become the new active call. If the active call is terminated by the far end, a call on hold may not become active automatically. This is cell phone-dependent.

Redial

- Press the Redial soft-key.
- or press the and after the “Listening” prompt and the following beep, say “Redial”.
- After the “Listening” prompt and the following beep, say “Redial”.
- The Uconnect™ Phone will call the last number that was dialed from your mobile phone.

Call Continuation

Call continuation is the progression of a phone call on the Uconnect™ Phone after the vehicle ignition key has been switched to OFF.

NOTE: the call will remain within the vehicle audio system until the phone becomes out of range for the Bluetooth® connection. It is recommended to press the transfer soft-key when leaving the vehicle.

Uconnect™ Phone Features

Emergency Assistance

If you are in an emergency and the mobile phone is reachable:

- Pick up the phone and manually dial the emergency number for your area.

If the phone is not reachable and the Uconnect™ Phone is operational, you may reach the emergency number as follows:

- Press the button to begin.
- After the “Listening” prompt and the following beep, say “Call Emergency or Dial Emergency” and the Uconnect™ Phone will instruct the paired mobile phone to call the emergency number. This feature is supported in the U.S., Canada, and Mexico.

NOTE:

- The Emergency call may also be initiated by touch.
- The emergency number dialed is based on the country where the vehicle is purchased (911 for the U.S. and Canada and 060 for Mexico). The number dialed may not be applicable with the available mobile service and area.
- The Uconnect™ Phone does slightly lower your chances of successfully making a phone call as to that for the mobile phone directly.

WARNING!

Your phone must be turned on and paired to the Uconnect™ Phone to allow use of this vehicle feature in emergency situations, when the mobile phone has network coverage and stays paired to the Uconnect™ Phone.

Towing Assistance

If you need towing assistance:

- Press the button to begin.
- After the “Listening” prompt and the following beep, say “Towing Assistance”.

NOTE:

- The towing assistance call may also be initiated by touch.
- The towing assistance number dialed is based on the country where the vehicle is purchased (1-800-528-2069 for the U.S., 1-877-213-4525 for Canada, 55-14-3454 for Mexico City and 1-800-712-3040 for outside Mexico City in Mexico). Please refer to the Chrysler Group LLC 24-Hour “Towing Assistance” coverage details in the Warranty Information Booklet and on the 24–Hour Towing Assistance Card.

Voice Mail Calling

To learn how to access your voice mail, refer to “Working with Automated Systems”.

Working With Automated Systems

This method is used in instances where one generally has to press numbers on the mobile phone keypad while navigating through an automated telephone system.

You can use your Uconnect™ Phone to access a voice mail system or an automated service, such as a paging service or automated customer service line. Some services require immediate response selection. In some instances, that may be too quick for use of the Uconnect™ Phone.

When calling a number with your Uconnect™ Phone that normally requires you to enter in a touch-tone sequence on your mobile phone keypad, you can utilize the touch-screen or press the VR button and say the word “Send” then the sequence you wish to enter. For example, if required to enter your PIN followed with a pound, (3 7 4 6 #), you can press the VR button and say, “Send 3 7 4 6 #”. Saying “Send” followed by a number, or sequence of numbers, is also to be used for navigating through an automated customer service center menu structure, and to leave a number on a pager.

You can also send stored mobile phonebook entries as tones for fast and easy access to voice mail and pager entries. To use this feature, dial the number you wish to call and then press the VR button and say for example, “Send Voicemail password.” The system will prompt you to enter the name or number and say the name of the phonebook entry you wish to send. The Uconnect™ Phone will then send the corresponding phone number associated with the phonebook entry, as tones over the phone.

NOTE:

- The first number encountered for that contact will be sent. All other numbers entered for that contact will be ignored.
- You may not hear all of the tones due to mobile phone network configurations. This is normal.
- Some paging and voice mail systems have system time out settings that are too short and may not allow the use of this feature.
- Pauses, wait or other characters that are supported by some phones are not supported over Bluetooth®. These additional symbols will be ignored in the dialing a numbered sequence.

Barge In — Overriding Prompts

The VR button can be used when you wish to skip part of a prompt and issue your voice command immediately. For example, if a prompt is asking ″There are 2 numbers with the name John. Say the full name″ you could press the VR button and say, ″John Smith″ to select that option without having to listen to the rest of the voice prompt.

Voice Response Length

It is possible for you to choose between Brief and Detailed Voice Response Length.

- Touch the More soft-key, then touch the Settings soft-key.
- Touch the Display soft-key, then scroll down to Voice Response Length.
- Select either Brief or Detailed by touching the box next to the selection. A check-mark will appear to show your selection.

Phone And Network Status Indicators

Uconnect™ Phone will provide notification to inform you of your phone and network status when you are attempting to make a phone call using Uconnect™ Phone. The status is given for network signal strength and phone battery strength.

Dialing Using The Mobile Phone Keypad

You can dial a phone number with your mobile phone keypad and still use the Uconnect™ Phone (while dialing via the mobile phone keypad, the user must exercise caution and take precautionary safety measures). By dialing a number with your paired Bluetooth® mobile phone, the audio will be played through your vehicle's audio system. The Uconnect™ Phone will work the same as if you dial the number using voice command.

NOTE: Certain brands of mobile phones do not send the dial ring to the Uconnect™ Phone to play it on the vehicle audio system, so you will not hear it. Under this situation, after successfully dialing a number the user may feel that the call did not go through even though the call is in progress. Once your call is answered, you will hear the audio.

Mute/Un-Mute (Mute OFF)

When you mute the Uconnect™ Phone, you will still be able to hear the conversation coming from the other party, but the other party will not be able to hear you. In order to mute the Uconnect™ Phone simply touch the Mute button on the Phone main screen.

Advanced Phone Connectivity

Transfer Call To And From Mobile Phone

The Uconnect™ Phone allows ongoing calls to be transferred from your mobile phone to the Uconnect™ Phone without terminating the call. To transfer an ongoing call from your Uconnect™ Phone paired mobile phone to the Uconnect™ Phone or vice versa, press the Transfer button on the Phone main screen.

Connect Or Disconnect Link Between The Uconnect™ Phone And Mobile Phone

If you would like to connect or disconnect the Bluetooth® connection between a Uconnect™ Phone paired mobile phone and the Uconnect™ Phone, follow the instructions described in your mobile phone User’s Manual.

Things You Should Know About Your Uconnect™ Phone

Voice Command

- For best performance, adjust the rearview mirror to provide at least ½ in (1 cm) gap between the overhead console (if equipped) and the mirror.
- Always wait for the beep before speaking.
- Speak normally, without pausing, just as you would speak to a person sitting a few feet/meters away from you.

- Make sure that no one other than you is speaking during a voice command period.
- Performance is maximized under:
  - low-to-medium blower setting,
  - low-to-medium vehicle speed,
  - low road noise,
  - smooth road surface,
  - fully closed windows,
  - dry weather condition.
- Even though the system is designed for users speaking in North American English, French, and Spanish accents, the system may not always work for some.
- When navigating through an automated system such as voice mail, or when sending a page, before speaking the digit string, make sure to say “Send”.
- Storing names in your favorites phonebook when the vehicle is not in motion is recommended.
- Phonebook (Downloaded and Uconnect™ Phone Local) name recognition rate is optimized when the entries are not similar.
- You can say “O” (letter “O”) for “0” (zero).
- Even though international dialing for most number combinations is supported, some shortcut dialing number combinations may not be supported.
- In a convertible vehicle, system performance may be compromised with the convertible top down.

Far End Audio Performance

- Audio quality is maximized under:
  - low-to-medium blower setting,
  - low-to-medium vehicle speed,

- low road noise,
- smooth road surface,
- fully closed windows,
- dry weather conditions, and
- operation from the driver's seat.

- Performance, such as audio clarity, echo, and loudness to a large degree rely on the phone and network, and not the Uconnect™ Phone.
- Echo at the far end can sometimes be reduced by lowering the in-vehicle audio volume.
- In a convertible vehicle, system performance may be compromised with the convertible top down.

SMS

Uconnect™ Phone can read or send new messages on your phone.

Your phone must support SMS over Bluetooth® in order to use this feature. If the Uconnect™ Phone determines your phone is not compatible with SMS messaging over Bluetooth® the "Messaging" button will be greyed out and the feature will not be available for use.

NOTE: Uconnect™ Phone SMS is only available when the vehicle is not in moving.



Read Messages:

If you receive a new text message while your phone is connected to Uconnect™ Phone, an announcement will be made to notify you that you have a new text message.



Once a message is received and viewed or listened to, you will have the following options:

- Send a Reply
- Forward
- Call

Send Messages Using Soft-Keys:

You can send messages using Uconnect™ Phone. To send a new message:

- Touch the Phone soft-key.
- Touch the messaging soft-key then new message.

- Touch one of the 18 preset messages and the person you wish to send the message to.



- If multiple numbers are available for the contact select which number you would like to have the message sent.
- Press “Send” or “Cancel”.

Send Messages Using Voice Commands:

- Press the button.
- After the “Listening” prompt and the following beep, say “Send message to John Smith mobile”.
- After the system prompts you for what message you want to send, say the message you wish to send or say “List”. There are 18 preset messages.

While the list of defined messages are being read, you can interrupt the system by pressing the button and saying the message you want to send.

After the system confirms that you want to send your message to John Smith, your message will be sent.



List of Preset Messages:

1. Yes.
2. No.
3. Okay.
4. I can't talk right now.
5. Call me.
6. I'll call you later.
7. I'm on my way.
8. Thanks.
9. I'll be late.
10. I will be <number> minutes late.
11. See you in <number> minutes.
12. Stuck in traffic.
13. Start without me.
14. Where are you?
15. Are you there yet?
16. I need directions.
17. I'm lost.
18. See you later.

Bluetooth® Communication Link

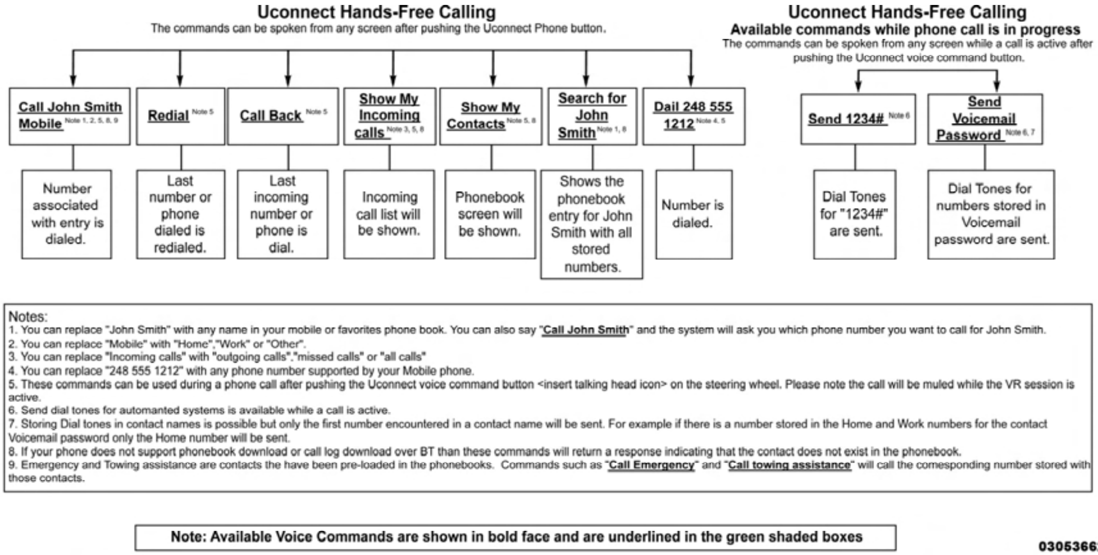
Mobile phones have been found to lose connection to the Uconnect™ Phone. When this happens, the connection can generally be reestablished by switching the phone OFF/ON. Your mobile phone is recommended to remain in Bluetooth® ON mode.

Power-Up

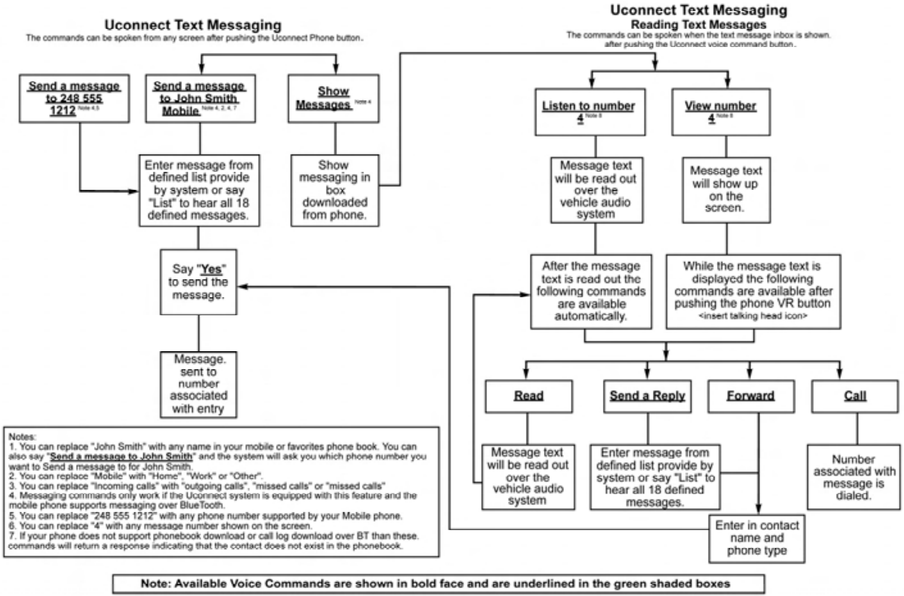
After switching the ignition key from OFF to either the ON or ACC position, or after a language change, you must wait at least 15 seconds prior to using the system.

3

Voice Tree



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Uconnect Text Messaging
The commands can be spoken from any screen after pushing the Uconnect Phone button.
Send a message to 248 555 1212 Note 4,5
Send a message to John Smith Mobile Note 4, 2, 4, 7
Show Messages Note 4
Enter message from defined list provide by system or say "List" to hear all 18 defined messages.
Show messaging in box downloaded from phone.
Say "Yes" to send the message.
Message. sent to number associated with entry
Notes:
1. You can replace "John Smith" with any name in your mobile or favorites phone book. You can also say "Send a message to John Smith" and the system will ask you which phone number you want to Send a message to for John Smith.
2. You can replace "Mobile" with "Home", "Work" or "Other".
3. You can replace "Incoming calls" with "outgoing calls", "missed calls" or "missed calls"
4. Messaging commands only work if the Uconnect system is equipped with this feature and the mobile phone supports messaging over BlueTooth.
5. You can replace "248 555 1212" with any phone number supported by your Mobile phone.
6. You can replace "4" with any message number shown on the screen.
7. If your phone does not support phonebook download or call log download over BT than these. commands will return a response indicating that the contact does not exist in the phonebook.
Uconnect Text Messaging
Reading Text Messages
The commands can be spoken when the text message inbox is shown. after pushing the Uconnect voice command button.
Listen to number 4
View number 4
Message text will be read out over the vehicle audio system
Message text will show up on the screen.
After the message text is read out the following commands are available automatically.
While the message text is displayed the following commands are available after pushing the phone VR button
<insert talking head icon>
Read
Send a Reply
Forward
Call
Message text will be read out over the vehicle audio system
Enter message from defined list provide by system or say "List" to hear all 18 defined messages.
Number associated with message is dialed.
Enter in contact name and phone type
Note: Available Voice Commands are shown in bold face and are underlined in the green shaded boxes

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General Information

This device complies with Part 15 of the FCC rules and RSS 210 of Industry Canada. Operation is subject to the following conditions:

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

UCONNECT™ VOICE COMMAND 8.4/8.4 Nav

Uconnect™ Voice Command System Operation

The Uconnect™ Voice Command system allows you to control your AM, FM radio, satellite radio, disc player, SD Card, USB/iPod and Sirius Travel Link.

NOTE: Take care to speak into the Voice Interface System as calmly and normally as possible. The ability of the Voice Interface System to recognize user voice commands may be negatively affected by rapid speaking or a raised voice level.

WARNING!

Any voice commanded system should be used only in safe driving conditions following local laws. All attention should be kept on the roadway ahead. Failure to do so may result in a collision causing serious injury or death.

When you press the Uconnect™ Voice Command button, you will hear a beep. The beep is your signal to give a command.

If no command is spoken or recorded the system with say one of three responses:

- I didn't understand
- I didn't get that, etc.,

If a command is not spoken or recorded a second time, the system will respond with an error and give some direction as what can be said based on the context you are in. After three consecutive failures of a spoken command or recording the VR session with end.

Pressing the Uconnect™ Voice Command button while the system is speaking is known as "barging in." The system will be interrupted, and after the beep, you can say a command. This will become helpful once you start to learn the options.

NOTE: At any time, you can say the words "Cancel" or "Help".

These commands are universal and can be used from any menu. All other commands can be used depending upon the active application.

When using this system, you should speak clearly and at a normal speaking volume.

The system will best recognize your speech if the windows are closed, and the heater/air conditioning fan is set to low.

At any point, if the system does not recognize one of your commands, you will be prompted to repeat it.

To hear available commands, press the Uconnect™ Voice Command button and say "Help". You will hear available commands for the screen displayed.

Natural Speech

Natural speech allows the user to speak commands in phrases or complete sentences. The system filters out certain non-word utterances and sounds such as “ah” and “eh”. The system handles fill-in words such as “I would like to”.

The system handles multiple inputs in the same phrase or sentence such as “make a phone call” and “to Kelly Smith”. For multiple inputs in the same phrase or sentence, the system identifies the topic or context and provides the associated follow-up prompt such as “Who do you want to call?” in the case where a phone call was requested but the specific name was not recognized.

The system utilizes continuous dialog; when the system requires more information from the user it will ask a question to which the user can respond without pressing the Push-To-Talk (PTT) button.

Uconnect™ Voice Commands

The Uconnect™ Voice Command system understands two types of commands. Universal commands are available at all times. Local commands are available if the supported radio mode is active.

Start a dialogue by pressing the Uconnect™ Voice Command VR button.

Changing the Volume

1. Start a dialogue by pressing the Voice Command VR button.

2. Say a command (e.g., “Help”).

3. Use the ON/OFF VOLUME rotary knob to adjust the volume to a comfortable level while the Voice Command system is speaking. Please note the volume setting for Voice Command is different than the audio system.

Starting Voice Recognition (VR) Session in Radio/Player Modes

In this mode, you can say the following commands:

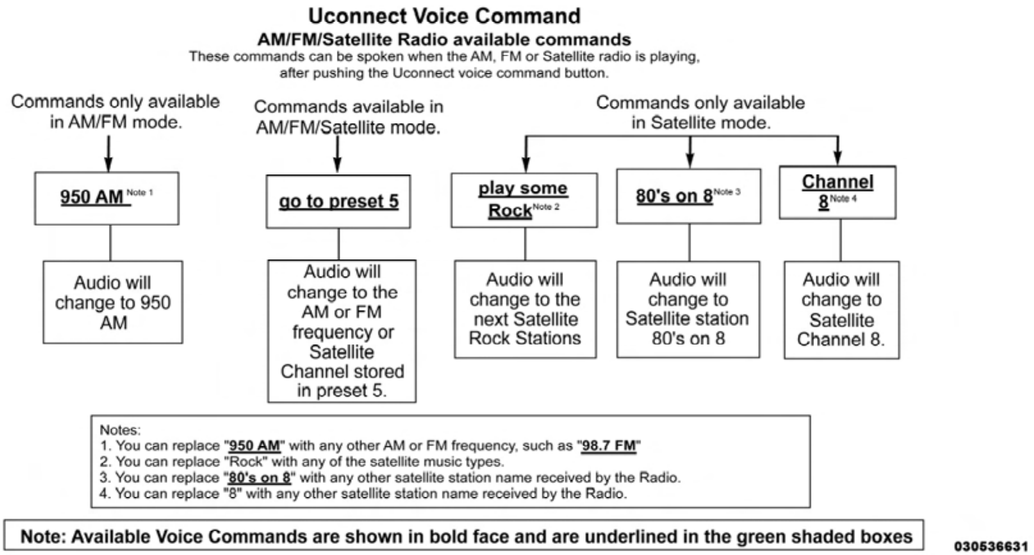
NOTE: The commands can be said on any screen when a call is not active after pushing the Uconnect™ Voice Command button.

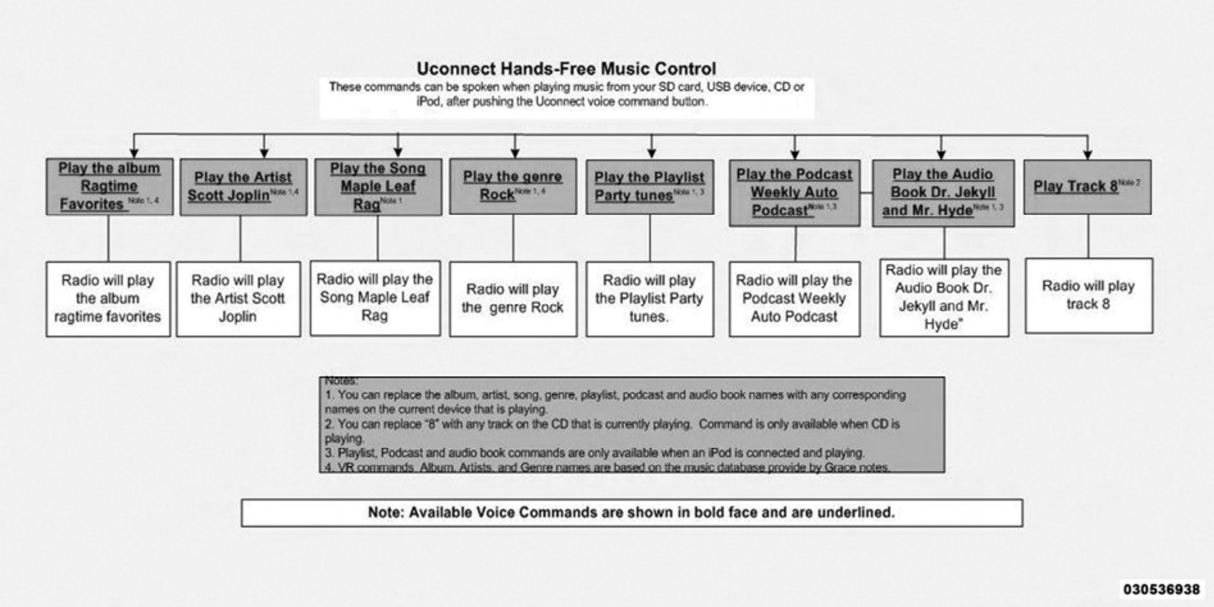
Disc

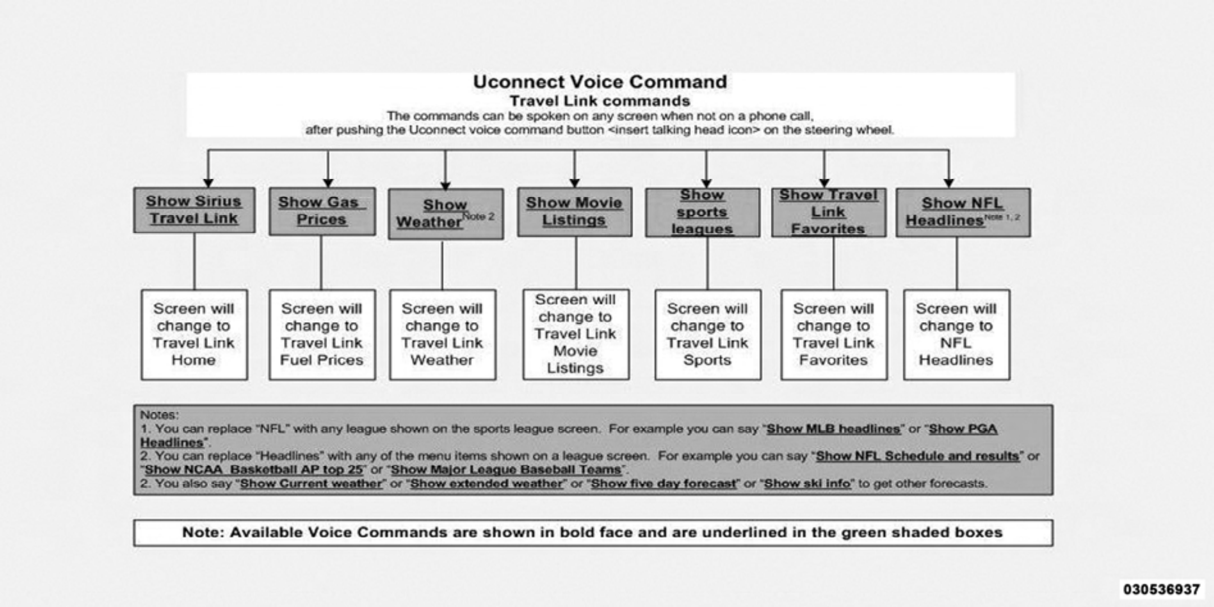
To switch to the disc mode, say “Change source to Disc”. This command can be given in any mode or screen:

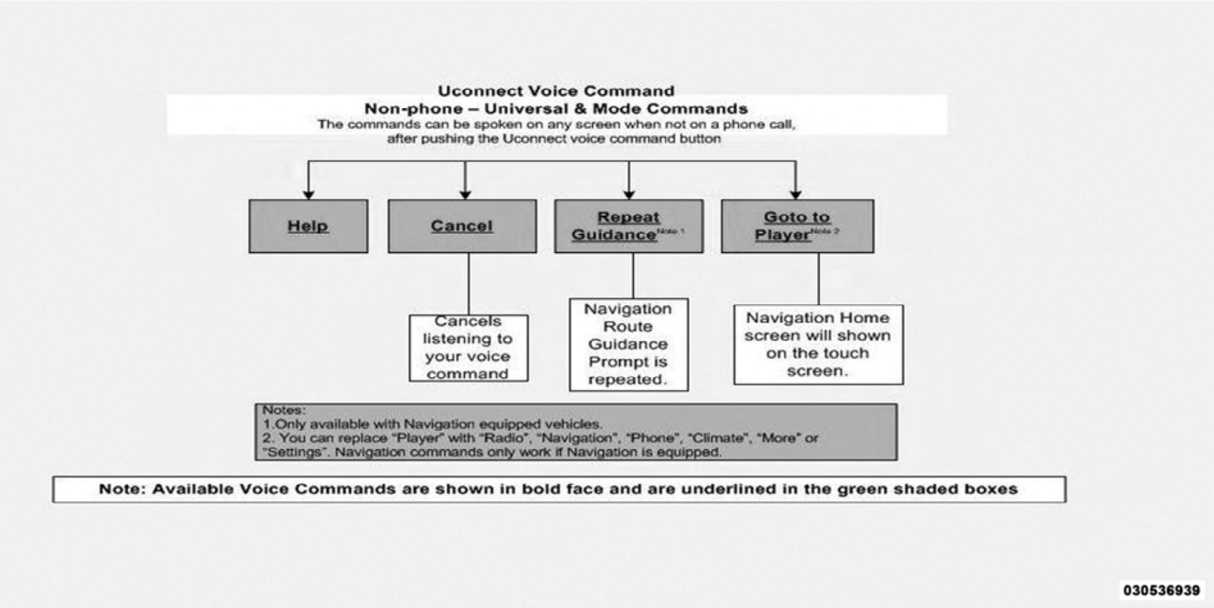
- “Track” (#) (to change the track)

Voice Tree


Uconnect Voice Command
AM/FM/Satellite Radio available commands
These commands can be spoken when the AM, FM or Satellite radio is playing, after pushing the Uconnect voice command button.
Commands only available in AM/FM mode.
Commands available in AM/FM/Satellite mode.
Commands only available in Satellite mode.
950 AM Note 1
go to preset 5
play some Rock Note 2
80's on 8 Note 3
Channel 8 Note 4
Audio will change to 950 AM
Audio will change to the AM or FM frequency or Satellite Channel stored in preset 5.
Audio will change to the next Satellite Rock Stations
Audio will change to Satellite station 80's on 8
Audio will change to Satellite Channel 8.
Notes:
1. You can replace "950 AM" with any other AM or FM frequency, such as "98.7 FM"
2. You can replace "Rock" with any of the satellite music types.
3. You can replace "80's on 8" with any other satellite station name received by the Radio.
4. You can replace "8" with any other satellite station name received by the Radio.
Note: Available Voice Commands are shown in bold face and are underlined in the green shaded boxes
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Uconnect Hands-Free Music Control
These commands can be spoken when playing music from your SD card, USB device, CD or iPod, after pushing the Uconnect voice command button.
Play the album Ragtime Favorites Note 1, 4
Play the Artist Scott Joplin Note 1,4
Play the Song Maple Leaf Rag Note 1
Play the genre Rock Note 1, 4
Play the Playlist Party tunes Note 1, 3
Play the Podcast Weekly Auto Podcast Note 1,3
Play the Audio Book Dr. Jekyll and Mr. Hyde Note 1, 3
Play Track 8 Note 2
Radio will play the album ragtime favorites
Radio will play the Artist Scott Joplin
Radio will play the Song Maple Leaf Rag
Radio will play the genre Rock
Radio will play the Playlist Party tunes.
Radio will play the Podcast Weekly Auto Podcast
Radio will play the Audio Book Dr. Jekyll and Mr. Hyde"
Radio will play track 8
Notes:
1. You can replace the album, artist, song, genre, playlist, podcast and audio book names with any corresponding names on the current device that is playing.
2. You can replace "8" with any track on the CD that is currently playing. Command is only available when CD is playing.
3. Playlist, Podcast and audio book commands are only available when an iPod is connected and playing.
4. VR commands Album, Artists, and Genre names are based on the music database provide by Grace notes.
Note: Available Voice Commands are shown in bold face and are underlined.
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Uconnect Voice Command
Travel Link commands
The commands can be spoken on any screen when not on a phone call, after pushing the Uconnect voice command button <insert talking head icon> on the steering wheel.
Show Sirius Travel Link
Show Gas Prices
Show Weather Note 2
Show Movie Listings
Show sports leagues
Show Travel Link Favorites
Show NFL Headlines Note 1, 2
Screen will change to Travel Link Home
Screen will change to Travel Link Fuel Prices
Screen will change to Travel Link Weather
Screen will change to Travel Link Movie Listings
Screen will change to Travel Link Sports
Screen will change to Travel Link Favorites
Screen will change to NFL Headlines
Notes:
1. You can replace "NFL" with any league shown on the sports league screen. For example you can say "Show MLB headlines" or "Show PGA Headlines".
2. You can replace "Headlines" with any of the menu items shown on a league screen. For example you can say "Show NFL Schedule and results" or "Show NCAA Basketball AP top 25" or "Show Major League Baseball Teams".
2. You also say "Show Current weather" or "Show extended weather" or "Show five day forecast" or "Show ski info" to get other forecasts.
Note: Available Voice Commands are shown in bold face and are underlined in the green shaded boxes
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Uconnect Voice Command
Non-phone – Universal & Mode Commands
The commands can be spoken on any screen when not on a phone call, after pushing the Uconnect voice command button
Help
Cancel
Repeat Guidance Note 1
Goto to Player Note 2
Cancels listening to your voice command
Navigation Route Guidance Prompt is repeated.
Navigation Home screen will shown on the touch screen.
Notes:
1.Only available with Navigation equipped vehicles.
2. You can replace "Player" with "Radio", "Navigation", "Phone", "Climate", "More" or "Settings". Navigation commands only work if Navigation is equipped.
Note: Available Voice Commands are shown in bold face and are underlined in the green shaded boxes
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SEATS

Seats are a part of the Occupant Restraint System of the vehicle.

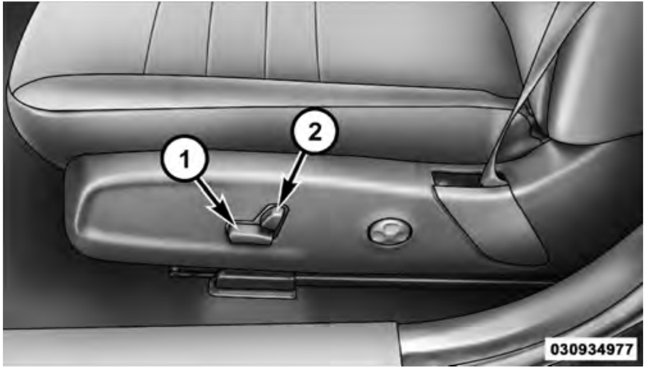
WARNING!

- **It is dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.**
- **Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts. In a collision, people riding in these areas are more likely to be seriously injured or killed.**
- **Be sure everyone in your vehicle is in a seat and using a seat belt properly.**

Power Seats — If Equipped

On models equipped with power seats, the switch is located on the outboard side of the seat near the floor. Use this switch to move the driver's seat up or down, forward or rearward or to recline the seatback.

NOTE: The passenger's seat will move up or down, forward or rearward.



Adjusting The Seat Forward Or Rearward

The seat can be adjusted both forward and rearward. Push the seat switch forward or rearward, the seat will move in the direction of the switch. Release the switch when you have reached the desired position.

Adjusting The Seat Up Or Down

The height of the seats can be adjusted up or down. Pull upward or push downward on the seat switch, the seat will move in the direction of the switch. Release the switch when you have reached the desired position.

Tilting The Seat Up Or Down

The angle of the seat cushion can be adjusted in four directions. Pull upward or push downward on the front or rear of the seat switch, the front or rear of the seat cushion will move in the direction of the switch. Release the switch when you have reached the desired position.

Reclining The Seatback

The angle of the seatback can be adjusted forward or rearward. Push the seatback switch forward or rearward, the seat will move in the direction of the switch. Release the switch when you have reached the desired position.

WARNING!

- **Adjusting a seat while driving may be dangerous. Moving a seat while driving could result in loss of control which could cause a collision and serious injury or death.**
- **Seats should be adjusted before fastening the seatbelts and while the vehicle is parked. Serious injury or death could result from a poorly adjusted seat belt.**

(Continued)

WARNING! (Continued)

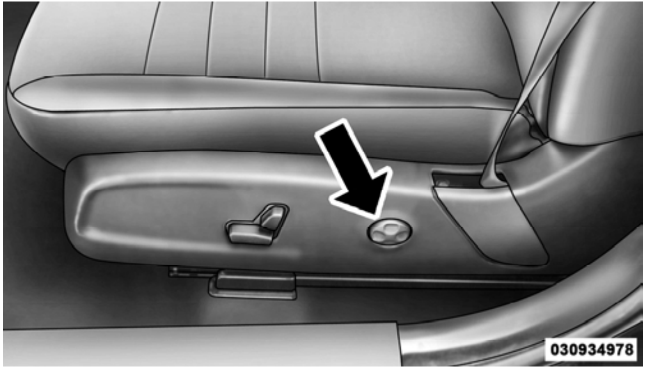
- **Do not ride with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt, which could result in serious injury or death.**

CAUTION!

Do not place any article under a power seat or impede its ability to move as it may cause damage to the seat controls. Seat travel may become limited if movement is stopped by an obstruction in the seat's path.

Power Lumbar — If Equipped

Vehicles equipped with power driver or passenger seats may be also be equipped with power lumbar. The power lumbar switch is located on the outboard side of the power seat. Push the switch forward or rearward to increase or decrease the lumbar support. Push the switch upward or downward to raise or lower the lumbar support.



Power Lumbar Switch

Heated Seats — If Equipped

On some models, the front and rear seats may be equipped with heaters in both the seat cushions and seatbacks.

The heated seats can be operated using the Uconnect™ Touch System.

WARNING!

- **Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, alcohol use, exhaustion or other physical condition must exercise care when using the seat heater. It may cause burns even at low temperatures, especially if used for long periods of time.**

(Continued)

WARNING! (Continued)

- **Do not place anything on the seat that insulates against heat, such as a blanket or cushion. This may cause the seat heater to overheat. Sitting in a seat that has been overheated could cause serious burns due to the increased surface temperature of the seat.**

CAUTION!

Repeated overheating of the seat could damage the heating element and/or degrade the material of the seat.

Front Heated Seat Operation — Vehicles Equipped With Uconnect™ Touch 4.3:
Press the CLIMATE hard-key to enter the climate control screen.



Press the "Driver" or "Pass" seat soft-key once to select HI-level heating. Press the soft-key a second time to select LO-level heating. Press the soft-key a third time to shut the heating elements OFF.

Front Heated Seat Operations — Vehicles Equipped With Uconnect™ Touch 8.4 and 8.4 Nav:
Press the "Controls" soft-key located on the bottom of the Uconnect™ Touch display.



Press the "Driver" or "Passenger" seat soft-key once to select HI-level heating. Press the soft-key a second time to select LO-level heating. Press the soft-key a third time to shut the heating elements OFF.

NOTE: Once a heat setting is selected, heat will be felt within two to five minutes.

When the HI-level setting is selected, the heater will provide a boosted heat level during the first four minutes of operation. Then, the heat output will drop to the normal HI-level. If the HI-level setting is selected, the system will automatically switch to LO-level after a maximum of 60 minutes of continuous operation. At that time, the display will change from HI to LO, indicating the change. The LO-level setting will turn OFF automatically after a maximum of 45 minutes.

Vehicle Equipped With Remote Start
On models that are equipped with remote start, the driver's heated seat can be programmed to come on during a remote start. Refer to "Remote Starting System — If Equipped" in "Things To Know Before Starting Your Vehicle" for further information.

Rear Heated Seats

On vehicles equipped with rear heated seats, the seats closest to the doors are heated. The controls for these seats are located on the rear of the center console.

You can choose from HI, LO or OFF heat settings. Amber indicator lights in each switch indicate the level of heat in use. Two indicator lights will illuminate for HI, one for LO and none for OFF.



Press the switch once to select HI-level heating. Press the switch a second time to select LO-level heating. Press the switch a third time to shut the heating elements OFF.

If the HI-level heating is selected, the system will automatically switch to LO-level heating after approximately 30 minutes of continuous operation. At that time, the number of indicators illuminated changes from two to one, indicating the change. Operation on the LO-level setting also turns OFF automatically after approximately 30 minutes.

NOTE: Once a heat setting is selected, heat will be felt within two to five minutes.

Ventilated Seats — If Equipped

On some models, both the driver and passenger seats are ventilated. Located in the seat cushion and seatback are small fans that draw air from the seat surface through fine perforations in the seat cover to help keep the driver and front passenger cooler in higher ambient temperatures.

The ventilated seats can be operated using the Uconnect™ Touch System.

Front Ventilated Seat Operation — Vehicles Equipped With Uconnect™ Touch 4.3:
Press the CLIMATE hard-key to enter the climate control screen.

Press the “Driver” or “Pass” seat soft-key once to select HI-level ventilation. Press the soft-key a second time to select LO-level ventilation. Press the soft-key a third time to shut off the seat ventilation.

Front Ventilated Seat Operation — Vehicles Equipped With Uconnect™ Touch 8.4/8.4 Nav:
Press the “Controls” soft-key located on the bottom of the Uconnect™ Touch display.

Press the “Driver” or “Passenger” seat soft-key once to select HI-level ventilation. Press the soft-key a second time to select LO-level ventilation. Press the soft-key a third time to shut off the seat ventilation.

NOTE: The engine must be running for the ventilated seats to operate.

Vehicles Equipped With Remote Start
On models that are equipped with remote start, the driver’s ventilated seat can be programmed to come on during a remote start. Refer to “Remote Starting System — If Equipped” in “Things To Know Before Starting Your Vehicle” for further information.

Head Restraints

Head restraints are designed to reduce the risk of injury by restricting head movement in the event of a rear impact. Head restraints should be adjusted so that the top of the head restraint is located above the top of your ear.

WARNING!

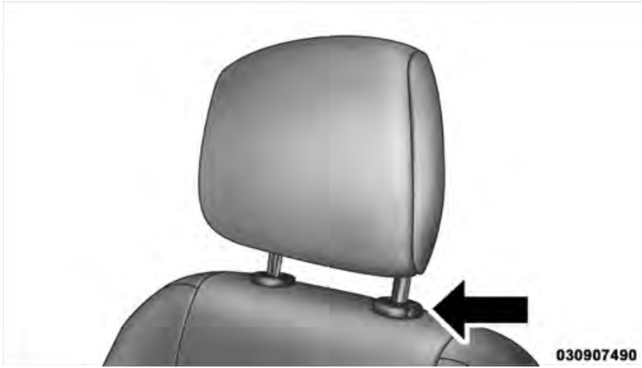
The head restraints for all occupants must be properly adjusted prior to operating the vehicle or occupying a seat. Head restraints should never be adjusted while the vehicle is in motion. Driving a vehicle with the head restraints improperly adjusted or removed could cause serious injury or death in the event of a collision.

Active Head Restraints — Front Seats

The front driver and passenger seats are equipped with Active Head Restraints (AHR). In the event of a rear impact the AHRs will automatically extend forward minimizing the gap between the back of the occupants head and the AHR.

The AHRs will automatically return to their normal position following a rear impact. If the AHRs do not return to their normal position see your authorized deal immediately.

To raise the head restraint, pull upward on the head restraint. To lower the head restraint, press the push button, located at the base of the head restraint, and push downward on the head restraint.



Push Button

NOTE: The head restraints should only be removed by qualified technicians, for service purposes only. If either of the head restraints require removal, see your authorized dealer.

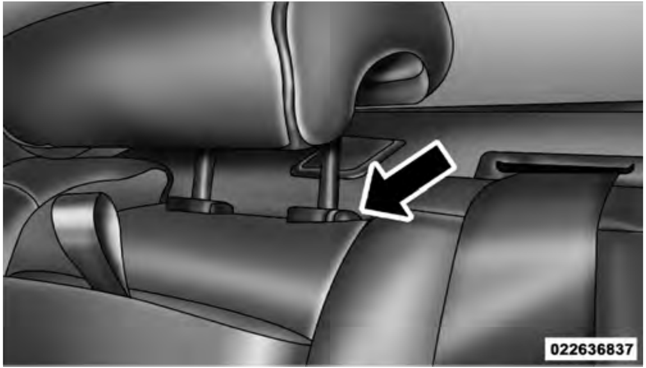
WARNING!

Do not place items over the top of the Active Head Restraint, such as coats, seat covers or portable DVD players. These items may interfere with the operation of the Active Head Restraint in the event of a collision and could result in serious injury or death.

Rear Head Restraints

The center rear head restraint has two positions, up or down. When the seat is being occupied the head restraint should raised. When there are no occupants in the center seat position the head restraint can be lowered for maximum visibility for the driver.

To raise the head restraint, pull upward on the head restraint. To lower the head restraint, press the push button, located at the base of the head restraint, and push downward on the head restraint.



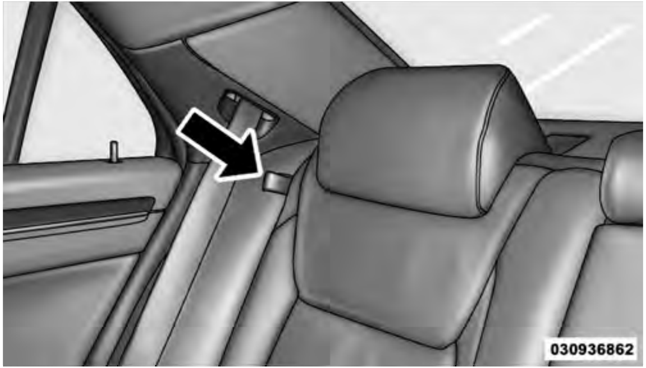
Push Button

NOTE: The outboard head restraints are not adjustable. Refer to “Occupant Restraints” in “Things To Know Before Starting Your Vehicle” for tether routing.

Folding Rear Seat

The rear seatbacks can be folded forward to provide an additional storage area. To fold the rear seatback, pull on the loops located on the upper seatback.

NOTE: These loops can be tucked away when not in use.



Rear Seatback Loop

After releasing the seatback, it can be folded forward.



Folded Rear Seatback

When the seatback is folded to the upright position, make sure it is latched by strongly pulling on the top of the seatback above the seat strap.

WARNING!

- **Be certain that the seatback is securely locked into position. If the seatback is not securely locked into position, the seat will not provide the proper stability for child seats and/or passengers. An improperly latched seat could cause serious injury.**
- **The cargo area in the rear of the vehicle (with the rear seatbacks in the locked-up or folded down position) should not be used as a play area by children when the vehicle is in motion. They could be seriously injured in a collision. Children should be seated and using the proper restraint system.**

DRIVER MEMORY SEAT — IF EQUIPPED

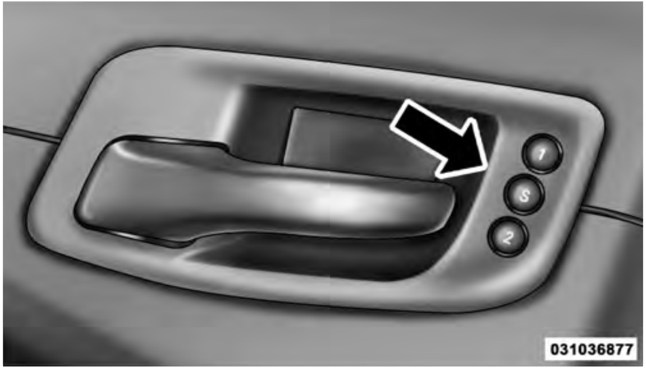
This feature allows the driver to store up to two different memory profiles for easy recall through a memory switch. Each memory profile contains desired position settings for the driver seat, side mirrors, adjustable pedals (if equipped), and power tilt and telescopic steering column (if equipped) and a set of desired radio station presets. Your Remote Keyless Entry (RKE) transmitter can also be programmed to recall the same positions when the UNLOCK button is pressed.

NOTE:

- Only one RKE transmitter can be linked to each of the memory positions.
- Passive Entry door handles cannot be linked to the memory function. Use either the memory recall switch or the RKE transmitter (if linked to the memory feature) to recall memory positions 1 or 2.

The memory switch is located on the driver's door trim panel. The switch contains an (S) button to activate the memory save function. It also contains a rocker switch labeled with the number (1) and the number (2). The

rocker switch allows the driver to recall either of two pre-programmed memory profiles by pressing the appropriate side of the switch.



Memory Seat Switches

Programming The Memory Feature

NOTE: Saving a new memory profile will erase an existing profile from memory.

To create a new memory profile, perform the following:

1. Place the ignition into the RUN position.

2. Adjust all memory profile settings to desired preferences (i.e., seat, side mirror, adjustable pedals [if equipped], power tilt and telescopic steering column [if equipped], and radio station presets).

3. Press and release the SET (S) button on the memory switch.

4. Within five seconds, press and release the MEMORY button 1 or 2. The Electronic Vehicle Information Center (EVIC) (if equipped) will display which memory position has been set.

NOTE:
- Memory profiles can be set without the vehicle in PARK, but the vehicle must be in PARK to recall a memory profile.

- The Recall Memory with Remote Key Unlock feature can be enabled through the Uconnect™ Touch System, refer to “Uconnect™ Touch Settings” in “Understanding Your Instrument Panel” for further information.

Linking And Unlinking The Remote Keyless Entry Transmitter To Memory

Your RKE transmitters can be programmed to recall one of two pre-programmed memory profiles by pressing the UNLOCK button on the RKE transmitter.

To program your RKE transmitters, perform the following:

1. Remove the Key Fob from the ignition (or change the ignition to OFF, for vehicles equipped with Keyless Enter-N-Go).

2. Select desired memory profile 1 or 2.

3. Once the profile has been recalled, press and release the SET (S) button on the memory switch, then press and release the side of the rocker switch labeled 1 or 2 accordingly. “Memory Profile Set” (1 or 2) will display in the instrument cluster on vehicles equipped with the EVIC.

4. Press and release the LOCK button on the RKE transmitter within 10 seconds.

NOTE: Your RKE transmitters can be unlinked to your memory settings by pressing the SET (S) button followed by the UNLOCK button on the RKE transmitter in Step 4 above.

Memory Position Recall

NOTE:

- The vehicle must be in PARK to recall memory positions. If a recall is attempted when the vehicle is not in PARK, a message will display in the EVIC (if equipped).

- The driver's seat belt must be unbuckled to recall memory positions.

To recall the memory settings for driver one, press MEMORY button number 1 on the driver's door or the UNLOCK button on the RKE transmitter linked to memory position 1.

To recall the memory setting for driver two, press MEMORY button number 2 on the driver's door or the UNLOCK button on the RKE transmitter linked to memory position 2.

A recall can be cancelled by pressing any of the MEMORY buttons (S, 1, or 2) on the driver's door during a recall. When a recall is cancelled, the driver seat, side mirror, adjustable pedals (if equipped), and power tilt and telescopic steering column (if equipped) stop moving. A delay of one second will occur before another recall can be selected.

Easy Entry/Exit Seat (Available With Memory Seat Only)

This feature provides automatic driver seat positioning to enhance driver mobility when entering and exiting the vehicle.

The distance the driver seat moves depends on where you have the driver seat positioned when you remove the Key Fob from the ignition (or change the ignition to OFF, for vehicles equipped with Keyless Enter-N-Go).

- When you remove the Key Fob from the ignition (or change the ignition to OFF, for vehicles equipped with Keyless Enter-N-Go), the driver seat will move about 2.4 in (60 mm) rearward if the driver seat position is greater than or equal to 2.7 in (67.7 mm) forward of the rear stop. The seat will return to its previously set position when you place the ignition into the ACC or RUN position.

- When you remove the Key Fob from the ignition (or change the ignition to OFF, for vehicles equipped with Keyless Enter-N-Go), the driver seat will move to a position 0.3 in (7.7 mm) forward of the rear stop if the driver seat position is between 0.9 in and 2.7 in (22.7 mm and 67.7 mm) forward of the rear stop. The seat will return to its previously set position when you place the ignition to the ACC or RUN position.
- The Easy Entry/Easy Exit feature is disabled when the driver seat position is less than 0.9 in (22.7 mm) forward of the rear stop. At this position, there is no benefit to the driver by moving the seat for Easy Exit or Easy Entry.

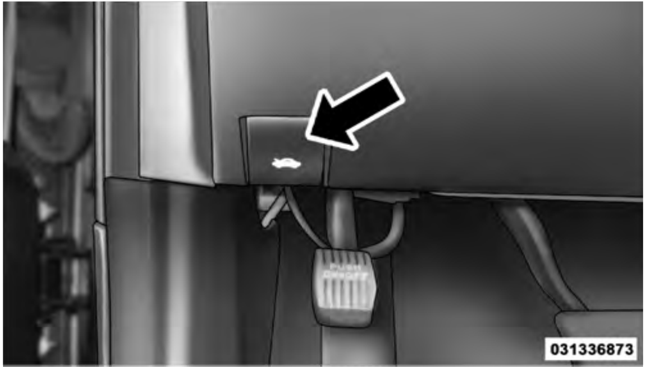
Each stored memory setting will have an associated Easy Entry and Easy Exit position.

NOTE: The Easy Entry/Easy Exit feature can be enabled or disabled using the Uconnect Touch™ System, refer to "Uconnect™ Touch Settings" in "Understanding Your Instrument Panel" for further information.

TO OPEN AND CLOSE THE HOOD

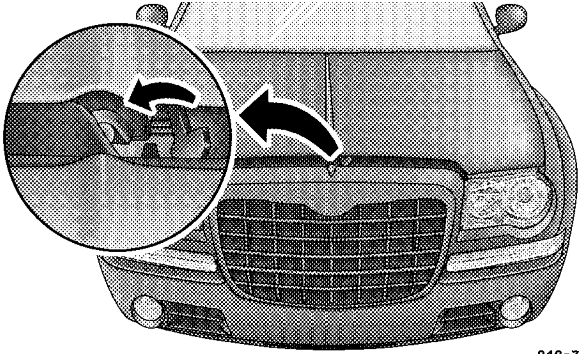
Two latches must be released to open the hood.

1. Pull the hood release lever located under the left side of the instrument panel.



Hood Release Lever

2. Move to the outside of the vehicle and push the safety catch to the left. The safety catch is located under the center front edge of the hood.



Hood Safety Catch

Use the hood prop rod (if equipped) to secure the hood in the open position.

CAUTION!

To prevent possible damage, do not slam the hood to close it. Lower the hood, until it is open approximately 6 in (15 cm), and then drop it. This should secure both latches. Never drive your vehicle unless the hood is fully closed, with both latches engaged.

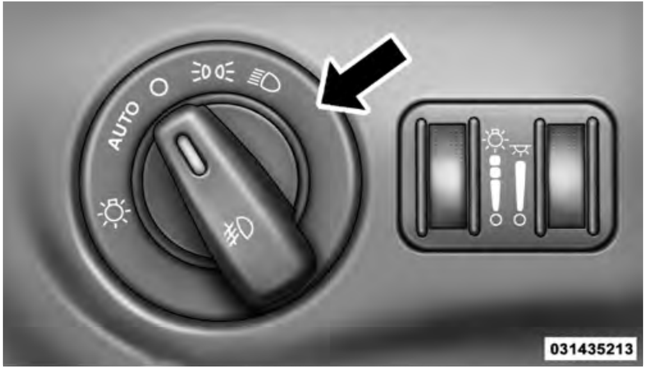
WARNING!

Be sure the hood is fully latched before driving your vehicle. If the hood is not fully latched, it could open when the vehicle is in motion and block your vision. Failure to follow this warning could result in serious injury or death.

LIGHTS

Headlight Switch

The headlight switch is located on the left side of the instrument panel. This switch controls the operation of the headlights, parking lights, instrument panel lights, instrument panel light dimming, interior lights and fog lights.



Headlight Switch

Rotate the headlight switch clockwise to the first detent for parking light and instrument panel light operation. Rotate the headlight switch to the second detent for headlight, parking light and instrument panel light operation.

Automatic Headlights — If Equipped

This system automatically turns the headlights on or off according to ambient light levels. To turn the system on, rotate the headlight switch counterclockwise to the A (AUTO) position. When the system is on, the headlight time delay feature is also on. This means the headlights will stay on for up to 90 seconds after you place the ignition into the OFF position. To turn the automatic system off, move the headlight switch out of the AUTO position.

NOTE: The engine must be running before the headlights will come on in the automatic mode.

Headlights On With Wipers (Available With Automatic Headlights Only)

When this feature is active, the headlights will turn on approximately 10 seconds after the wipers are turned on if the headlight switch is placed in the AUTO position. In addition, the headlights will turn off when the wipers are turned off if they were turned on by this feature.

NOTE: The Headlights On with Wipers feature can be turned on or off using the Uconnect™ Touch System, refer to “Uconnect™ Touch Settings” in “Understanding Your Instrument Panel” for further information.

Headlight Time Delay

This feature provides the safety of headlight illumination for up to 90 seconds (programmable) when leaving your vehicle in an unlit area.

To activate the delay feature, place the ignition in the OFF position while the headlights are still on. Then, turn off the headlights within 45 seconds. The delay interval begins when the headlight switch is turned off.

If you turn the headlights or parking lights on, or place the ignition in ACC or RUN, the system will cancel the delay.

If you turn the headlights off before the ignition, they will turn off in the normal manner.

NOTE:

- The lights must be turned off within 45 seconds of placing the ignition in the OFF position to activate this feature.
- The headlight delay time is programmable using the Uconnect™ Touch System, refer to “Uconnect™ Touch Settings” in “Understanding Your Instrument Panel” for further information.

SmartBeam™ — If Equipped

The SmartBeam™ system provides increased forward lighting at night by automating high beam control through the use of a digital camera mounted on the inside rearview mirror. This camera detects vehicle specific light and automatically switches from high beams to low beams until the approaching vehicle is out of view.

NOTE:

- SmartBeam™ can be turned on or off using the Uconnect™ Touch System, refer to “Uconnect™ Touch Settings” in “Understanding Your Instrument Panel” for further information.
- Broken, muddy, or obstructed headlights and taillights of vehicles in the field of view will cause headlights to remain on longer (closer to the vehicle). Also, dirt, film, and other obstructions on the windshield or camera lens will cause the system to function improperly.

Daytime Running Lights (DRL)

The LED Daytime Running Lights will come on whenever the ignition is placed in the RUN position, the headlights are off and the parking brake is off. The headlight switch must be used for normal nighttime driving.

NOTE: The Daytime Running Lights can be turned on and off using the Uconnect™ Touch System, refer to "Uconnect™ Touch Settings" in "Understanding Your Instrument Panel" for further information.

Lights-On Reminder

If the headlights or parking lights are on after the ignition is placed in the OFF position, a chime will sound to alert the driver when the driver's door is opened.

Fog Lights — If Equipped

The front fog light switch is built into the headlight switch.



Fog Light Switch

To activate the front fog lights, turn on the parking lights or the low beam headlights and press the headlight switch. To turn off the front fog lights, either press the headlight switch a second time or turn off the headlight switch.

An indicator light in the instrument cluster illuminates when the fog lights are turned on.

NOTE: The fog lights will operate with the low beam headlights or parking lights on. However, selecting the high beam headlights will turn off the fog lights.

Multifunction Lever

The multifunction lever controls the operation of the turn signals, headlight beam selection and passing lights. The multifunction lever is located on the left side of the steering column.



Multifunction Lever

Turn Signals

Move the multifunction lever up or down and the arrows on each side of the instrument cluster flash to show proper operation of the front and rear turn signal lights.

NOTE:

- If either light remains on and does not flash, or there is a very fast flash rate, check for a defective outside light bulb. If an indicator fails to light when the lever is moved, it would suggest that the indicator bulb is defective.
- A “Turn Signal On” message will appear in the EVIC (if equipped) and a continuous chime will sound if the vehicle is driven more than 1 mile (1.6 km) with either turn signal on.

Lane Change Assist

Tap the lever up or down once, without moving beyond the detent, and the turn signal (right or left) will flash three times then automatically turn off.

High/Low Beam Switch

Push the multifunction lever away from you to switch the headlights to high beam. Pull the multifunction lever toward you to switch the headlights back to low beam.

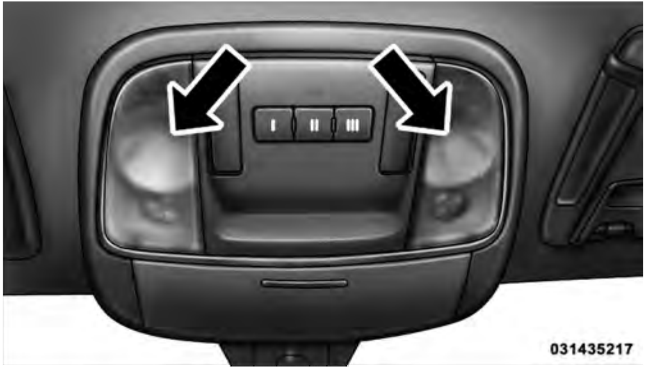
Flash-To-Pass

You can signal another vehicle with your headlights by lightly pulling the multifunction lever toward you. This will turn on the high beams headlights until the lever is released.

Map/Reading Lights

These lights are mounted between the sun visors on the overhead console. Each light is turned on by pressing the lens. Press the lens a second time to turn off the light. These lights also turn on when a door is opened, or when

the UNLOCK button on the Remote Keyless Entry (RKE) transmitter is pressed or when the dimmer control is turned fully upward, past the second detent.



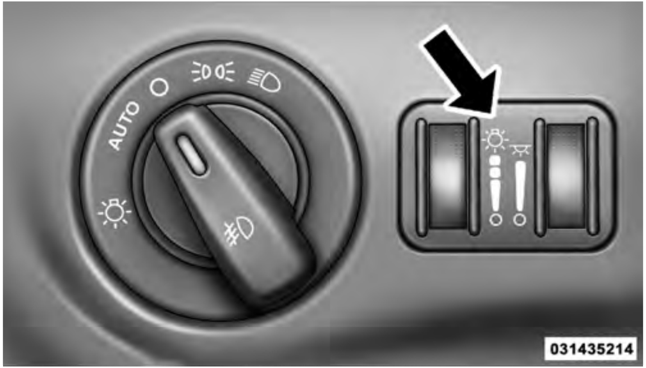
Map/Reading Lights

Interior Lights

The interior lights come on when a door is opened.

To protect the battery, the interior lights will turn off automatically 10 minutes after the ignition switch is moved to the LOCK position. This will occur if the interior lights were switched on manually or are on because a door is open. This includes the glove box light, but not the trunk light. To restore interior light operation, either turn the ignition switch ON or cycle the light switch.

Dimmer Controls



Dimmer Switches

The dimmer control is part of the headlight switch and is located on the left side of the instrument panel.

With the parking lights or headlights on, rotating the left dimmer control upward will increase the brightness of the instrument panel lights.

Rotating the right dimmer control upward will increase the brightness of the door handle lights, map pockets and cupholders — if equipped.

Dome Light Position

Rotate the dimmer control completely upward to the second detent to turn on the interior lights. The interior lights will remain on when the dimmer control is in this position.

Interior Light Defeat (OFF)

Rotate the dimmer control to the extreme bottom OFF position. The interior lights will remain off when the doors are open.

Parade Mode (Daytime Brightness Feature)

Rotate the dimmer control upward to the first detent. This feature brightens all text displays such as the odometer, EVIC (if equipped), and radio when the parking lights or headlights are on.

WINDSHIELD WIPERS AND WASHERS

The multifunction lever operates the windshield wipers and washer when the ignition is placed in the RUN position. The multifunction lever is located on the left side of the steering column.



Windshield Wiper/Washer Control

Rotate the end of the multifunction lever to the first detent, past the intermittent settings for low-speed wiper operation, or to the second detent past the intermittent settings for high-speed wiper operation.

CAUTION!

- **Turn the windshield wipers off when driving through an automatic car wash. Damage to the windshield wipers may result if the wiper control is left in any position other than off.**
- **In cold weather, always turn off the wiper switch and allow the wipers to return to the “Park” position before turning off the engine. If the wiper switch is left on and the wipers freeze to the windshield, damage to the wiper motor may occur when the vehicle is restarted.**

(Continued)

CAUTION! (Continued)

- **Always remove any buildup of snow that prevents the windshield wiper blades from returning to the off position. If the windshield wiper control is turned off and the blades cannot return to the off position, damage to the wiper motor may occur.**

Intermittent Wiper System

Use the intermittent wiper when weather conditions make a single wiping cycle with a variable pause between cycles desirable. Rotate the end of the multifunction lever to the first detent position, and then turn the end of the lever to select the desired delay interval. There are four delay settings, which allow you to regulate the wipe interval from a minimum of one cycle every second to a maximum of approximately 18 seconds between cycles. The delay intervals will double in duration when the vehicle speed is 10 mph (16 km/h) or less.

Mist Feature

Rotate the end of the lever downward to the Mist position to activate a single wipe cycle to clear off road mist or spray from a passing vehicle. The wipers will continue to operate until you release the multifunction lever.

Windshield Washers

To use the washer, push the multifunction lever inward (toward the steering column) and hold it for as long as washer spray is desired.

If you activate the washer while the windshield wiper control is in the delay range, the wipers will operate for two wipe cycles after releasing the lever and then resume the intermittent interval previously selected.

If you activate the washer while the windshield wiper is turned off, the wipers will operate for three wipe cycles and then turn off.

WARNING!

Sudden loss of visibility through the windshield could lead to a collision. You might not see other vehicles or other obstacles. To avoid sudden icing of the windshield during freezing weather, warm the windshield with the defroster before and during windshield washer use.

Headlights On With Wipers (Available with Automatic Headlights Only)

When this feature is active, the headlights will turn on approximately 10 seconds after the wipers are turned on if the headlight switch is placed in the AUTO position. In addition, the headlights will turn off when the wipers are turned off if they were turned on by this feature.

The Headlights On with Wipers feature can be turned on and off using the Uconnect Touch™ System, refer to "Uconnect Touch™ Settings" in "Understanding Your Instrument Panel" for further information.

Rain Sensing Wipers — If Equipped

This feature senses moisture on the windshield and automatically activates the wipers for the driver. The feature is especially useful for road splash or over spray from the windshield washers of the vehicle ahead. Rotate the end of the multifunction lever to one of four settings to activate this feature.

The sensitivity of the system can be adjusted with the multifunction lever. Wiper delay position 1 is the least sensitive, and wiper delay position 4 is the most sensitive. Setting 3 should be used for normal rain conditions. Settings 1 and 2 can be used if the driver desires less wiper sensitivity. Settings 4 can be used if the driver desires more sensitivity. The rain sense wipers will automatically change between an intermittent wipe, slow wipe and a fast wipe depending on the amount of

moisture that is sensed on the windshield. Place the wiper switch in the OFF position when not using the system.

The Rain Sensing feature can be turned on and off using the Uconnect Touch™ System, refer to “Uconnect Touch™ Settings” in “Understanding Your Instrument Panel” for further information.

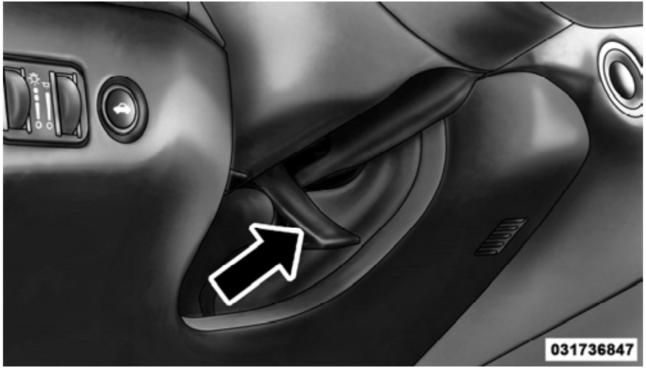
NOTE:
- The Rain Sensing feature will not operate when the wiper speed is in the low or high position.
- The Rain Sensing feature may not function properly when ice or dried salt water is present on the windshield.
- Use of Rain-X® or products containing wax or silicone may reduce rain sensor performance.

The Rain Sensing system has protective features for the wiper blades and arms. It will not operate under the following conditions:

- **Low Temperature Wipe Inhibit** — The Rain Sensing feature will not operate when the ignition is placed in the RUN position, the vehicle is stationary and the outside temperature is below 32°F (0°C), unless the wiper control on the multifunction lever is moved, the vehicle speed becomes greater than 0 mph (0 km/h) or the outside temperature rises above freezing.
- **Neutral Wipe Inhibit** — The Rain S ensing feature will not operate when the ignition is placed in the RUN position, the transmission shift lever is in the NEUTRAL position and the vehicle speed is less than 5 mph (8 km/h), unless the wiper control on the multifunction lever is moved or the shift lever is moved out of the NEUTRAL position.

TILT/TELESCOPING STEERING COLUMN

This feature allows you to tilt the steering column upward or downward. It also allows you to lengthen or shorten the steering column. The tilt/telescoping control handle is located below the steering wheel at the end of the steering column.



Tilt/Telescoping Control Handle

To unlock the steering column, pull the control handle outward. To tilt the steering column, move the steering wheel upward or downward as desired. To lengthen or shorten the steering column, pull the steering wheel outward or push it inward as desired. To lock the steering column in position, push the control handle inward until fully engaged.

WARNING!

Do not adjust the steering column while driving. Adjusting the steering column while driving or driving with the steering column unlocked, could cause the driver to lose control of the vehicle. Be sure the steering column is locked before driving your vehicle. Failure to follow this warning may result in serious injury or death.

POWER TILT/TELESCOPING STEERING COLUMN — IF EQUIPPED

This feature allows you to tilt the steering column upward or downward. It also allows you to lengthen or shorten the steering column. The power tilt/telescoping steering column lever is located below the multifunction lever on the steering column.



Power Tilt/Telescoping Steering

To tilt the steering column, move the lever up or down as desired. To lengthen or shorten the steering column, pull the lever toward you or push the lever away from you as desired.

NOTE: For vehicles equipped with Driver Memory Seat, you can use your Remote Keyless Entry (RKE)

transmitter or the memory switch on the driver's door trim panel to return the tilt/telescopic steering column to pre-programmed positions. Refer to "Driver Memory Seat" in this section.

WARNING!

Do not adjust the steering column while driving. Adjusting the steering column while driving or driving with the steering column unlocked, could cause the driver to lose control of the vehicle. Be sure the steering column is locked before driving your vehicle. Failure to follow this warning may result in serious injury or death.

HEATED STEERING WHEEL — IF EQUIPPED

The steering wheel contains a heating element that helps warm your hands in cold weather. The heated steering wheel has only one temperature setting. Once the heated steering wheel has been turned on it will operate for approximately 58 to 70 minutes before automatically shutting off. The heated steering wheel can shut off early or may not turn on when the steering wheel is already warm.

The heated steering wheel can be turned on and off using the Uconnect™ Touch System, refer to "Uconnect™ Touch Settings" in "Understanding Your Instrument Panel" for further information.

Touch the "Controls" soft-key then touch the "Heated Steering Wheel" soft-key to turn on the heated steering wheel. Press the "Heated Steering Wheel" soft-key a second time to turn the heated steering wheel off.

NOTE: The engine must be running for the heated steering wheel to operate.

Vehicles Equipped With Remote Start

On models that are equipped with remote start, the heated steering wheel and seat can be programmed to come on during a remote start. Refer to “Remote Starting System — If Equipped” in “Things To Know Before Starting Your Vehicle” for further information.

WARNING!

- **Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, alcohol use, exhaustion, or other physical conditions must exercise care when using the steering wheel heater. It may cause burns even at low temperatures, especially if used for long periods.**

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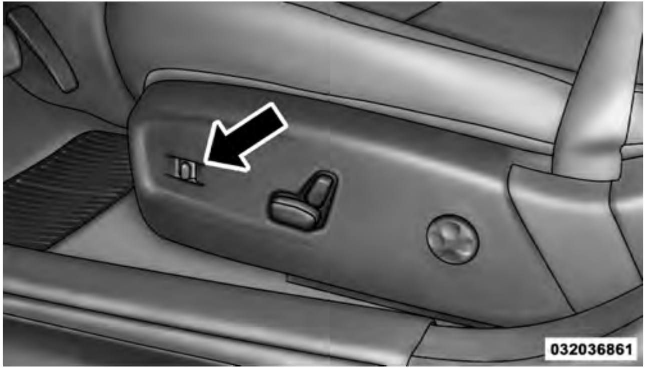
WARNING! (Continued)

- **Do not place anything on the steering wheel that insulates against heat, such as a blanket or cushion. This may cause the steering wheel heater to overheat.**

ADJUSTABLE PEDALS — IF EQUIPPED

The adjustable pedals system is designed to allow a greater range of driver comfort for steering wheel tilt and seat position. This feature allows the brake, accelerator, and clutch pedals (if equipped) to move toward or away from the driver to provide improved position with the steering wheel.

The switch is located on the front side of the driver's seat cushion side shield.



Adjustable Pedals Switch

Press the switch forward to move the pedals forward (toward the front of the vehicle).

Press the switch rearward to move the pedals rearward (toward the driver).

- The pedals can be adjusted with the ignition OFF.
- The pedals can be adjusted while driving.
- The pedals **cannot** be adjusted when the vehicle is in REVERSE or when the Electronic Speed Control System is on. The following messages will be displayed on vehicles equipped with the Electronic Vehicle Information System (EVIC) if the pedals are attempted to be adjusted when the system is locked out ("Adjustable Pedal Disabled — Cruise Control Engaged" or "Adjustable Pedal Disabled — Vehicle In Reverse".

NOTE: For vehicles equipped with Driver Memory Seat, you can use your Remote Keyless Entry (RKE) transmitter or the memory switch on the driver's door trim panel to return the adjustable pedals to pre-programmed positions. Refer to "Driver Memory Seat" in "Understanding The Features Of Your Vehicle" for further information.

CAUTION!

Do not place any article under the adjustable pedals or impede its ability to move as it may cause damage to the pedal controls. Pedal travel may become limited if movement is stopped by an obstruction in the adjustable pedal's path.

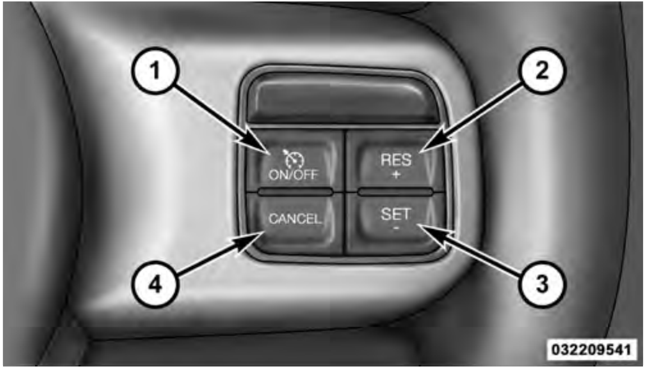
WARNING!

Do not adjust the pedals while the vehicle is moving. You could lose control and have an accident. Always adjust the pedals while the vehicle is parked.

ELECTRONIC SPEED CONTROL — IF EQUIPPED

When engaged, the Electronic Speed Control takes over accelerator operations at speeds greater than 20 mph (32 km/h).

The Electronic Speed Control buttons are located on the right side of the steering wheel.



1 — ON/OFF	2 — RES +
4 — CANCEL	3 — SET -

NOTE: In order to ensure proper operation, the Electronic Speed Control System has been designed to shut down if multiple Speed Control functions are operated at

the same time. If this occurs, the Electronic Speed Control System can be reactivated by pushing the Electronic Speed Control ON/OFF button and resetting the desired vehicle set speed.

To Activate

Push the ON/OFF button. The Cruise Indicator Light in the Electronic Vehicle Information Center (EVIC) will illuminate. To turn the system off, push the ON/OFF button a second time. The Cruise Indicator Light will turn off. The system should be turned off when not in use.

WARNING!

Leaving the Electronic Speed Control system on when not in use is dangerous. You could accidentally set the system or cause it to go faster than you want. You could lose control and have an accident. Always leave the system OFF when you are not using it.

To Set A Desired Speed

Turn the Electronic Speed Control ON. When the vehicle has reached the desired speed, press the SET (-) button and release. Release the accelerator and the vehicle will operate at the selected speed.

NOTE: The vehicle should be traveling at a steady speed and on level ground before pressing the SET button.

To Deactivate

A soft tap on the brake pedal, pushing the CANCEL button, or normal brake pressure while slowing the vehicle will deactivate Electronic Speed Control without erasing the set speed memory. Pressing the ON/OFF button or turning the ignition switch OFF erases the set speed memory.

To Resume Speed

To resume a previously set speed, push the RES (+) button and release. Resume can be used at any speed above 20 mph (32 km/h).

To Vary The Speed Setting

When the Electronic Speed Control is set, you can increase speed by pushing the RES (+) button. If the button is continually pressed, the set speed will continue to increase until the button is released, then the new set speed will be established.

Pressing the RES (+) button once will result in a 1 mph (2 km/h) increase in set speed. Each subsequent tap of the button results in an increase of 1 mph (2 km/h).

To decrease speed while the Electronic Speed Control is set, push the SET (-) button. If the button is continually held in the SET (-) position, the set speed will continue to decrease until the button is released. Release the button when the desired speed is reached, and the new set speed will be established.

Pressing the SET (-) button once will result in a 1 mph (2 km/h) decrease in set speed. Each subsequent tap of the button results in a decrease of 1 mph (2 km/h).

To Accelerate For Passing

Press the accelerator as you would normally. When the pedal is released, the vehicle will return to the set speed.

Using Electronic Speed Control On Hills

The transmission may downshift on hills to maintain the vehicle set speed.

NOTE: The Electronic Speed Control system maintains speed up and down hills. A slight speed change on moderate hills is normal.

On steep hills, a greater speed loss or gain may occur so it may be preferable to drive without Electronic Speed Control.

WARNING!

Electronic Speed Control can be dangerous where the system cannot maintain a constant speed. Your vehicle could go too fast for the conditions, and you could lose control and have an accident. Do not use Electronic Speed Control in heavy traffic or on roads that are winding, icy, snow-covered or slippery.

ADAPTIVE CRUISE CONTROL (ACC) — IF EQUIPPED

Adaptive Cruise Control (ACC) increases the driving convenience provided by cruise control while traveling on highways and major roadways. However, it is not a safety system and not designed to prevent collisions.

ACC will allow you to keep cruise control engaged in light to moderate traffic conditions without the constant need to reset your cruise control. ACC utilizes a radar sensor designed to detect a vehicle directly ahead of you.

NOTE:

- If the sensor does not detect a vehicle ahead of you, ACC will maintain a fixed set speed.
- If the ACC sensor detects a vehicle ahead, ACC will apply limited braking or acceleration automatically to maintain a preset following distance, while matching the speed of the vehicle ahead.

WARNING!

- Adaptive Cruise Control (ACC) is a convenience system. It is not a substitute for active driving involvement. It is always the driver's responsibility to be attentive of road, traffic, and weather conditions, vehicle speed, distance to the vehicle ahead; and, most importantly, brake operation to ensure safe operation of the vehicle under all road conditions. Your complete attention is always required while driving to maintain safe control of your vehicle. Failure to follow these warnings can result in a collision or serious personal injury.
- The ACC system:

  – Does not react to pedestrians, oncoming vehicles, and stationary objects (i.e., a stopped vehicle in a traffic jam or a disabled vehicle).

(Continued)

WARNING! (Continued)

– Cannot take street, traffic, and weather conditions into account, and may be limited upon adverse sight distance conditions.

– Does not predict the lane curvature or the movement of preceding vehicles and will not compensate for such changes.

– Does not always fully recognize complex driving conditions, which can result in wrong or missing distance warnings.

– Can only apply a maximum of 25% of the vehicle's braking capability, and will not bring the vehicle to a complete stop.

WARNING!

You should switch off the ACC system:

- **When driving in fog, heavy rain, heavy snow, sleet, heavy traffic, and complex driving situations (e.g., in highway construction zones).**
- **When entering a turn lane or highway off ramp; when driving on roads that are winding, icy, snow-covered, slippery, or have steep uphill or downhill slopes.**
- **When towing a trailer up or down steep slopes.**
- **When circumstances do not allow safe driving at a constant speed.**

  Failure to follow these warnings can result in a collision or serious personal injury.

The Cruise Control system has two control modes:

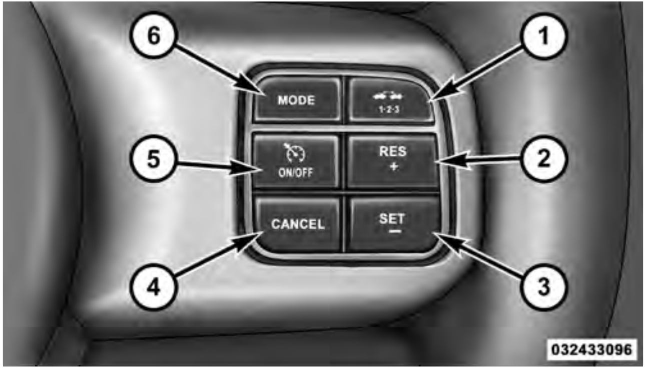
- Adaptive Cruise Control mode for maintaining an appropriate distance between vehicles.
- Normal (fixed speed) cruise control mode is for cruising at a constant preset speed. For additional information, refer to "Normal (Fixed Speed) Cruise Control Mode" in this section.

NOTE: The system will not react to preceding vehicles. Always be aware of the mode selected.

You can change the mode by using the Cruise Control buttons. The two control modes function differently. Always confirm which mode is selected.

Adaptive Cruise Control (ACC) Operation

The speed control buttons (located on the right side of the steering wheel) operates the ACC system.



1 — DISTANCE SETTING
2 — RES +
3 — SET -
4 — CANCEL
5 — ON/OFF
6 — MODE

NOTE: Any chassis/suspension modifications to the vehicle will effect the performance of the Adaptive Cruise Control.

Activating Adaptive Cruise Control (ACC)

You can only activate ACC if the vehicle speed is above 20 mph (32 km/h).

When the system is turned on and in the READY state, the Electronic Vehicle Information Center (EVIC) displays "Adaptive Cruise Ready."

When the system is OFF, the EVIC displays "Adaptive Cruise Control Off."

NOTE: You cannot enable ACC under the following conditions:

- When you apply the brakes.
- When the parking brake is set.

- When the automatic transmission is in PARK, REVERSE or NEUTRAL.
- When pushing the RES + button without a previously set speed in memory.

To Activate

Push and release the ON/OFF button. The ACC menu in the EVIC displays “Adaptive Cruise Ready.”



Adaptive Cruise Control Ready

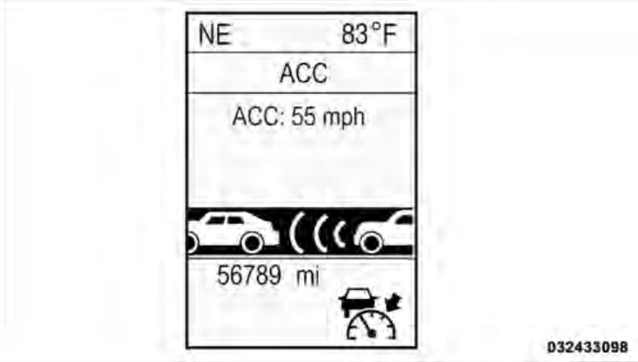
To turn the system OFF, push and release the ON/OFF button again. At this time, the system will turn off and the EVIC will display “Adaptive Cruise Control Off.”

WARNING!

Leaving the Adaptive Cruise Control (ACC) system on when not in use is dangerous. You could accidentally set the system or cause it to go faster than you want. You could lose control and have a collision. Always leave the system off when you are not using it.

To Set A Desired ACC Speed

When the vehicle reaches the speed desired, push the SET **-** button and release. The EVIC will display the set speed.

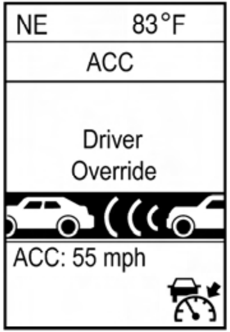


ACC Set

Remove your foot from the accelerator pedal. If you do not, the vehicle may continue to accelerate beyond the set speed. If this occurs:

- The message “DRIVER OVERRIDE” will display in the EVIC.

- The system will not be controlling the distance between your vehicle and the vehicle ahead. The vehicle speed will only be determined by the position of the accelerator pedal.



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Driver Override

To Cancel

The system will disable ACC without erasing the memory if:

- You softly tap the brake pedal.
- You depress the brake pedal.
- You press the CANCEL switch.
- An Anti-Lock Brake System (ABS) event occurs.
- If the transmission is shifted into NEUTRAL.
- The Electronic Stability Control/Traction Control System (ESC/TCS) activates.

NOTE: If ACC is resumed or set with the ESC/TCS off, ESC will automatically be re-engaged.



Adaptive Cruise Control Cancelled

To Turn Off

The system will turn off and erase the set speed in memory if:

- You push and release the ON/OFF button.
- You turn OFF the ignition.
- You switch off ESC.

To Resume Speed

Press the RES + button and release. Then remove your foot from the accelerator pedal. The EVIC will display the last set speed.

NOTE: You can resume ACC from a minimum of 20 mph (32 km/h).

WARNING!

The Resume function should only be used if traffic and road conditions permit. Resuming a set speed that is too high or too low for prevailing traffic and road conditions could cause the vehicle to accelerate or decelerate too sharply for safe operation. This could cause a collision and/or serious injury.

To Vary The Speed Setting

While ACC is set, you can increase the set speed by pressing and holding the RES + button. If the button is

continually pressed, the set speed will continue to increase in 5 mph (8 km/h) increments until the button is released. The increase in set speed is reflected in the EVIC display.

Pressing the RES **+** button once will result in a 1 mph (1.6 km/h) increase in set speed. Each subsequent tap of the button results in an increase of 1 mph (1.6 km/h).

While ACC is set, the set speed can be decreased by pressing and holding the SET **-** button. If the button is continually pressed, the set speed will continue to decrease in 5 mph (8 km/h) increments until the button is released. The decrease in set speed is reflected in the EVIC display.

Pressing the SET **-** button once will result in a 1 mph (1.6 km/h) decrease in set speed. Each subsequent tap of the button results in a decrease of 1 mph (1.6 km/h).

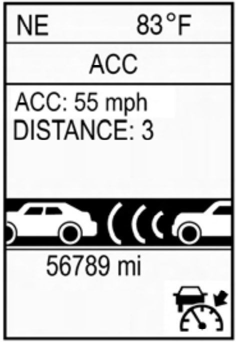
NOTE:

- When you use the SET **-** button to decelerate, if the engine's braking power does not slow the vehicle sufficiently to reach the set speed, the brake system will automatically slow the vehicle.
- The ACC system can only apply a maximum of 25% of the vehicle's braking capability and will not bring the vehicle to a complete stop.
- The ACC system maintains set speed when driving up hill and down hill. However, a slight speed change on moderate hills is normal. In addition, downshifting may occur while climbing uphill or descending downhill. This is normal operation and necessary to maintain set speed.

Setting The Following Distance In ACC

The specified following distance for ACC can be set by varying the distance setting between 3 (long), 2 (medium), and 1 (short). Using this distance setting and the

vehicle speed, ACC calculates and sets the distance to the vehicle ahead. This distance setting displays in the EVIC.



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Distance Set

To change the distance setting, press the Distance button and release. Each time the button is pressed, the distance setting adjusts between long, medium, and short.

If there is no vehicle ahead, the vehicle will maintain the set speed. If a slower moving vehicle is detected in the same lane, the EVIC displays the "Sensed Vehicle Indicator" icon, and the system adjusts vehicle speed automatically to maintain the distance setting, regardless of the set speed.

The vehicle will then maintain the set distance until:

- The vehicle ahead accelerates to a speed above the set speed.
- The vehicle ahead moves out of your lane or view of the sensor.
- The vehicle ahead slows to a speed below 15 mph (24 km/h) and the system automatically disengages itself.
- The distance setting is changed.
- The system disengages. (Refer to the information on ACC Activation).

The maximum braking applied by ACC is limited; however, the driver can always apply the brakes manually, if necessary.

NOTE: The brake lights will illuminate whenever the ACC system applies the brakes.

A Proximity Warning will alert the driver if ACC predicts that its maximum braking level is not sufficient to maintain the set distance. If this occurs, a visual alert "BRAKE" will flash in the EVIC and a chime will sound while ACC continues to apply its maximum braking capacity. When this occurs, you should immediately apply the brakes as needed to maintain a safe distance from the vehicle ahead.



Brake Alert

Adaptive Cruise Control (ACC) Menu

The EVIC displays the current ACC system settings. The EVIC is located in the upper part of the instrument cluster between the speedometer and the tachometer. The information it displays depends on ACC system status.



Menu Button

Press the MENU button (located on the steering wheel) repeatedly until one of the following displays in the EVIC:

Adaptive Cruise Control Off

– When ACC is deactivated, the display will read "Adaptive Cruise Control Off."

Adaptive Cruise Control Ready

– When ACC is activated but the vehicle speed setting has not been selected, the display will read "Adaptive Cruise Control Ready."

ACC SET

– When ACC is set, the set speed will display.

The set speed will continue to display in place of the odometer reading when changing the EVIC display while ACC is set.



Example Only

3

The ACC screen will display once again if any ACC activity occurs, which may include any of the following:

- Set Speed Change
- Distance Setting Change
- System Cancel
- Driver Override
- System Off
- ACC Proximity Warning
- ACC Unavailable Warning

  The EVIC will return to the last display selected after five seconds of no ACC display activity.

Display Warnings And Maintenance

“Clean Radar Sensor In Front Of Vehicle” Warning

The ACC “Clean Radar Sensor In Front Of Vehicle” warning will display when conditions temporarily limit system performance. This most often occurs at times of poor visibility, such as in snow or heavy rain. The ACC system may also become temporarily blinded due to obstructions, such as mud, dirt or ice. In these cases, the EVIC will display “Clean Radar Sensor In Front Of Vehicle” and the system will deactivate.

The “Clean Radar Sensor In Front Of Vehicle” message can sometimes be displayed while driving in highly reflective areas (i.e. tunnels with reflective tiles, or ice and snow). The ACC system will recover after the vehicle has left these areas. Under rare conditions, when the radar is not tracking any vehicles or objects in its path this warning may temporarily occur.



Clear Radar Sensor Warning

NOTE: If the ACC "Clean Radar Sensor In Front Of Vehicle" warning is active Normal (Fixed Speed) Cruise Control is still available. For additional information refer to "Normal (Fixed Speed) Cruise Control Mode" in this section.

If weather conditions are not a factor, the driver should examine the sensor. It may require cleaning or removal of an obstruction. The sensor is located in the center of the vehicle behind the lower grille.

To keep the ACC System operating properly, it is important to note the following maintenance items:

- Always keep the sensor clean. Carefully wipe the sensor lens with a soft cloth. Be cautious not to damage the sensor lens.
- Do not remove any screws from the sensor. Doing so could cause an ACC system malfunction or failure and require a sensor realignment.
- If the sensor is damaged due to a collision, see your authorized dealer for service.

- Do not attach or install any accessories near the sensor, including transparent material or aftermarket grilles. Doing so could cause an ACC system failure or malfunction.

When the condition that deactivated the system is no longer present, the system will return to the “Adaptive Cruise Control Off” state and will resume function by simply reactivating it.

NOTE: Installing a vehicle front-end protector or an aftermarket grille or modifying the grille is not recommended. Doing so may block the sensor and inhibit ACC operation.

ACC Unavailable Warning

If the system turns off, and the EVIC displays “ACC/FCW Unavailable, Vehicle System Error”, there may be a temporary malfunction that limits ACC functionality. Although the vehicle is still drivable under normal conditions, ACC will be temporarily unavailable. If this occurs, try activating ACC again later, following a key cycle. If the problem persists, see your authorized dealer.

Service ACC Warning

If the system turns off, and the EVIC displays “ACC/FCW Unavailable Service Radar Sensor”, it indicates there is an internal system fault. Although the vehicle is still drivable under normal conditions, have the system checked by an authorized dealer.



ACC/FCW Unavailable Warning

Precautions While Driving With ACC

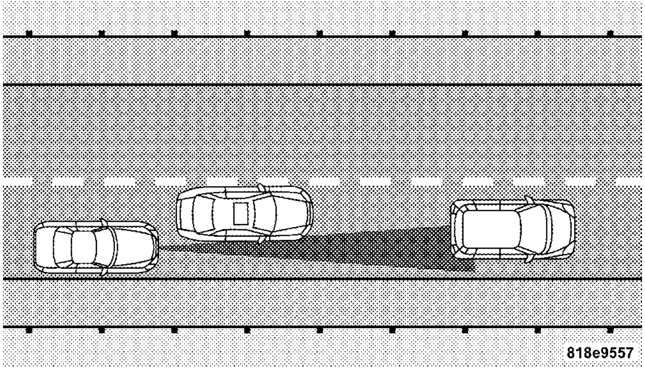
In certain driving situations, ACC may have detection issues. In these cases, ACC may brake late or unexpectedly. The driver needs to stay alert and may need to intervene.

Adding A Trailer Hitch

The weight of a trailer/hitch may affect the performance of ACC. If there is a noticeable change in performance following the installation of a trailer/hitch, or if the ACC performance does not return to normal after removing the trailer/hitch see your authorized dealer.

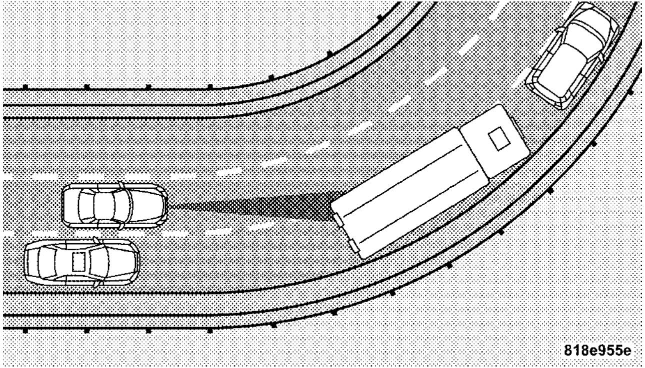
Offset Driving

ACC may not detect a vehicle in the same lane that is offset from your direct line of travel. There will not be sufficient distance to the vehicle ahead. The offset vehicle may move in and out of the line of travel, which can cause your vehicle to brake or accelerate unexpectedly.



Turns And Bends

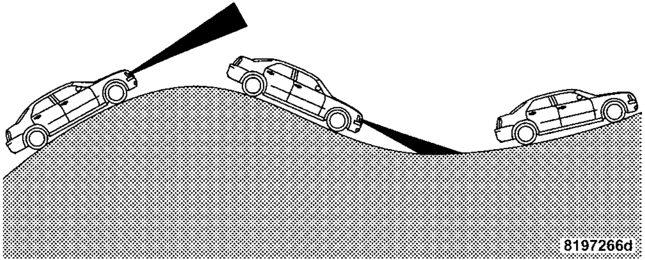
In turns or bends, ACC may detect a vehicle ahead too late or too early. This may cause your vehicle to brake late or unexpectedly. Give extra attention in curves and be ready to apply the brakes if necessary. Be sure to select an appropriate speed while driving in curves.



ACC may occasionally provide braking and/or a driver alert that you consider unnecessary. This may be the system's response to signs, guardrails, and other stationary objects in a curve. This may also occur at the base of steep hills. This is normal operation and your vehicle does not require service.

Using ACC On Hills

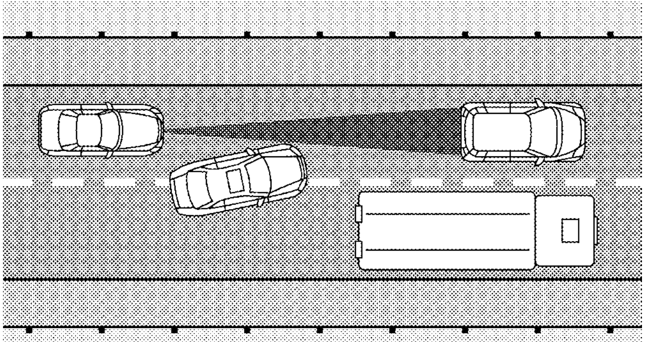
When driving on hills, ACC may not detect a vehicle in your lane. Depending on the speed, vehicle load, traffic conditions, and the steepness of the hills, ACC performance may be limited.



Lane Changing

ACC will not detect a vehicle until it is completely in the lane in which you are traveling. In the illustration shown, ACC has not yet detected the vehicle changing lanes and it may not detect the vehicle until it's too late for the ACC

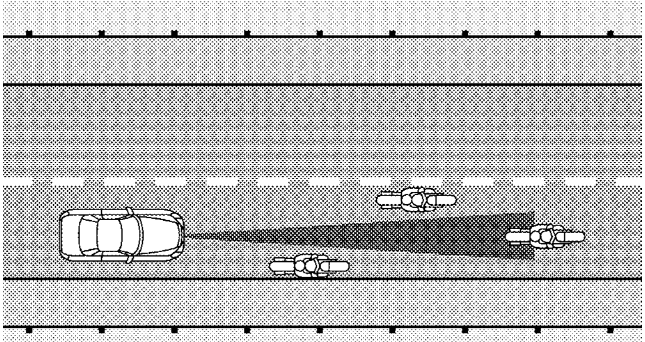
system to take action. ACC will not detect a vehicle until it is completely in the lane. There will not be sufficient distance to the lane-changing vehicle. Always be attentive and ready to apply the brakes if necessary.



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Narrow Vehicles

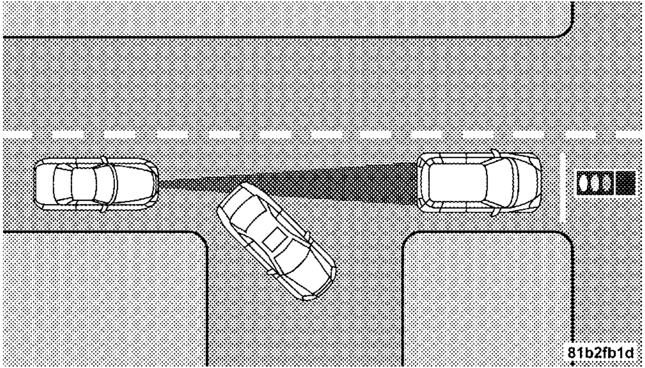
Some narrow vehicles traveling near the outer edges of the lane or edging into the lane are not detected until they have moved fully into the lane. There will not be sufficient distance to the vehicle ahead.



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Stationary Objects And Vehicles

ACC does not react to stationary objects and stationary vehicles. For example, ACC will not react in situations where the vehicle you are following exits your lane and the vehicle ahead is stopped in your lane. Always be attentive and ready to apply the brakes if necessary.



General Information

FCC Requirements For Vehicular Radar Systems
Classification Specifications:
47 C.F.R. Part 15
47 C.F.R Part 15.515

Normal (Fixed Speed) Cruise Control Mode

In addition to Adaptive Cruise Control mode, a normal (fixed speed) Cruise Control mode is available for cruising at fixed speeds. The normal Cruise Control mode is designed to maintain a set cruising speed without requiring the driver to operate the accelerator. Cruise Control can only be operated if the vehicle speed is above 20 mph (32 km/h).

To change modes, press the MODE button when the system is in either the OFF, READY, or SET position. "Cruise Ready" will be displayed if the system was in ACC READY or ACC SET position. "Cruise Off" will be

displayed if the system was in the ACC OFF position. To switch back to Adaptive Cruise Control mode, press the MODE button a second time.

WARNING!

In the normal Cruise Control mode, the system will not react to vehicles ahead. In addition, the proximity warning does not activate and no alarm will sound even if you are too close to the vehicle ahead since the presence of the vehicle ahead nor the vehicle-to-vehicle distance is detected. Be sure to maintain a safe distance between your vehicle and the vehicle ahead. Always be aware which mode is selected.

To Set A Desired Speed

When the vehicle reaches the speed desired, press the SET **-** button and release. The EVIC will display the set speed.

NOTE: You must observe the display when setting or changing speed, not the speedometer.

To Vary The Speed Setting

There are two ways to change the set speed:

- Use the accelerator pedal to adjust the vehicle to the desired speed and press the SET **-** button.
- Tap the RES **+** or SET **-** button to increase or decrease the set speed in 1 mph (1.6 km/h) increments respectively. Hold the RES **+** or SET **-** button for 5 mph (8 km/h) increments.

To Cancel

The system will disable normal Cruise Control without erasing the memory if:

- You softly tap or depress the brake pedal.
- You press the CANCEL button.
- The Electronic Stability Control/Traction Control System (ESC/TCS) activates.

To Resume

Press the RES + button and then remove your foot from the accelerator pedal. The EVIC will display the last set speed.

To Turn Off

The system will turn off and erase the set speed in memory if:

- You push and release the ON/OFF button.
- You turn off the ignition.
- You switch off ESC.

If the Cruise Control system is turned off and reactivated, the system will return to the last driver setting (ACC or Normal Cruise Control).

Forward Collision Warning — If Equipped

Forward Collision Warning (FCW) warns the driver of a potential collision with the vehicle in front of you and prompts the driver to take action in order to avoid the collision.

FCW monitors the information from the forward looking sensor as well as the Electronic Brake Controller (EBC), wheel speed sensors, i.e., to calculate a probable rear-end collision. When the system determines that a rear-end collision is probable a warning message (both audible and visual) will be displayed on the EVIC. When the system determines a collision with the vehicle in front of you is no longer probable, the warning message will be deactivated.



FCW Message

NOTE: The minimum speed for FCW activation is 10 mph (16 km/h).

WARNING!

Forward Collision Warning (FCW) is not intended to avoid a collision on its own. The driver has the responsibility to avoid a collision by controlling the vehicle via braking and steering. Failure to follow this warning could lead to serious injury or death.

Changing FCW Status

The FCW feature can be set to far, set to near or turned off using the Uconnect™ Touch System, refer to "Uconnect™ Touch Settings" in "Understanding Your Instrument Panel" for further information. The FCW Status Off, Near or Far will be displayed in the Uconnect™ Touch display.

The default status of FCW is the "Far" setting, this allows the system to warn you of a possible collision with the vehicle in front of you when you are farther away. This gives you the most reaction time.

Changing the FCW status to the "Near" setting, allows the system to warn you of a possible collision with the vehicle in front of you when you are much closer. This setting provides less reaction time than the "Far" setting, which allows for a more dynamic driving experience.

Changing the FCW status to "Off" prevents the system from warning you of a possible collision with the vehicle in front of you.

NOTE:

- In the "Off" setting FCW OFF will be displayed on the Uconnect™ Touch display.
- The system will retain the last setting selected by the driver after ignition shut down.
- FCW will not react to irrelevant objects such as overhead objects, ground reflections, objects not in the path of the car, stationary objects that are far away, oncoming traffic, or leading vehicles with the same or higher rate of speed.

- FCW will be disabled like ACC below with the unavailable screens.

FCW Unavailable Warning

If the system turns off, and the EVIC displays "ACC/FCW Unavailable, Vehicle System Error", there may be a temporary malfunction that limits FCW functionality. Although the vehicle is still drivable under normal conditions, FCW will be temporarily unavailable. If this occurs, try activating FCW again later, following a key cycle. If the problem persists, see your authorized dealer.

Service FCW Warning

If the system turns off, and the EVIC displays "ACC/FCW Unavailable Service Radar Sensor", it indicates there is an internal system fault. Although the vehicle is still drivable under normal conditions, have the system checked by an authorized dealer.



ACC/FCW Unavailable Warning

PARKSENSE® REAR PARK ASSIST — IF EQUIPPED

The ParkSense® Rear Park Assist system provides visual and audible indications of the distance between the rear fascia and a detected obstacle when backing up, e.g. during a parking maneuver. Refer to "ParkSense® System

Usage Precautions" for limitations of this system and recommendations.

ParkSense® will retain the last system state (enabled or disabled) from the last ignition cycle when the ignition is changed to the ON/RUN position.

ParkSense® can be active only when the shift lever is in REVERSE. If ParkSense® is enabled at this shift lever position, the system will remain active until the vehicle speed is increased to approximately 11 mph (18 km/h) or above. The system will become active again if the vehicle speed is decreased to speeds less than approximately 10 mph (16 km/h).

ParkSense® Sensors

The four ParkSense® sensors, located in the rear fascia/bumper, monitor the area behind the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approximately 12 in (30 cm) up to 79 in (200 cm) from the rear fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

ParkSense® Warning Display

The ParkSense® Warning screen will only be displayed if Sound and Display is selected from the Uconnect™ Touch System. Refer to "Uconnect™ Touch Settings" in "Understanding Your Instrument Panel" for further information.

The ParkSense® Warning screen is located within the Electronic Vehicle Information Center (EVIC). It provides visual warnings to indicate the distance between the rear fascia/bumper and the detected obstacle. Refer to "Electronic Vehicle Information Center (EVIC)/Settings" in Understanding Your Instrument Panel" for further information.

ParkSense® Display

When the vehicle is in REVERSE, the warning display will turn ON indicating the system status.

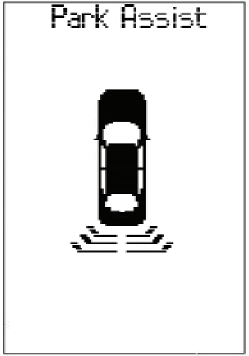


Rear Park Assist Display



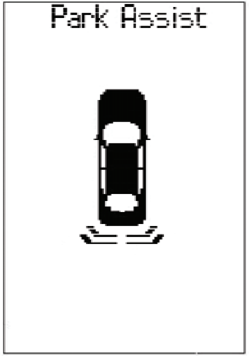
Rear Park Assist OFF

The system will indicate a detected obstacle by showing three solid arcs and will produce a one-half second tone. As the vehicle moves closer to the object, the EVIC display will show fewer arcs and the sound tone will change from slow, to fast, to continuous.



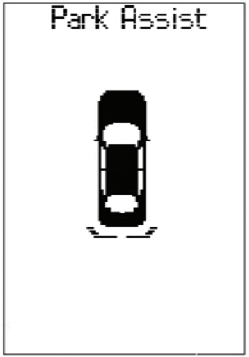
032737804

Slow Tone



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Fast Tone



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Continuous Tone

The vehicle is close to the obstacle when the warning display shows one flashing arc and sounds a continuous tone. The following chart shows the warning alert operation when the system is detecting an obstacle:

WARNING ALERTS					
Rear Distance (in/cm)	Greater than 79 in (200 cm)	79-39 in (200-100 cm)	39-25 in (100-65 cm)	25-12 in (65-30 cm)	Less than 12 in (30 cm)
Audible Alert Chime	None	Single 1/2-Second Tone	Slow	Fast	Continuous
Display Message	Park Assist On	Warning Object Detected	Warning Object Detected	Warning Object Detected	Warning Object Detected
Arcs	None	3 Solid (Continuous)	3 Slow Flashing	2 Slow Flashing	1 Slow Flashing

Enabling And Disabling ParkSense®

ParkSense® can be enabled and disabled using the Uconnect™ Touch System. The available choices are: Off, Sound Only, or Sound and Display. Refer to "Uconnect™ Touch Settings" in "Understanding Your Instrument Panel" for further information.

When the ParkSense® soft-key is pressed to disable the system, the EVIC will display the "PARK ASSIST OFF" message for approximately five seconds. Refer to "Electronic Vehicle Information Center (EVIC)" in "Understanding Your Instrument Panel" for further information. When the shift lever is moved to REVERSE and the system is disabled, the EVIC will display the "PARK ASSIST OFF" message for as long as the vehicle is in REVERSE.

The ParkSense® system uses four sensors located in the rear bumper fascia to scan for obstacles up to 79 in

(200 cm) away from the rear bumper fascia. ParkSense® provides both visual and audible warnings to indicate the range of the object.

Service The ParkSense® Rear Park Assist System

When the ParkSense® Rear Park Assist system is malfunctioning, the Electronic Vehicle Information Center (EVIC) will actuate a single chime, once per ignition cycle, and it will display the “CLEAN PARK ASSIST SENSORS” or the “SERVICE PARK ASSIST SYSTEM” message. Refer to “Electronic Vehicle Information Center (EVIC)” in “Understanding Your Instrument Panel” for further information. When the shift lever is moved to REVERSE and the system has detected a fault condition, the EVIC will display the “CLEAN PARK ASSIST SENSORS” or the “SERVICE PARK ASSIST SYSTEM” message for as long as the vehicle is in REVERSE. Under this condition, ParkSense® will not operate.

If “CLEAN PARK ASSIST SENSORS” appears in the EVIC and the rear fascia/bumper is clean and clear of snow, ice, mud, dirt or other obstruction, see your authorized dealer.

If “SERVICE PARK ASSIST SYSTEM” appears in the EVIC, see your authorized dealer.

Cleaning The ParkSense® System

Clean the ParkSense® sensors with water, car wash soap and a soft cloth. Do not use rough or hard cloths. Do not scratch or poke the sensors. Otherwise, you could damage the sensors.

ParkSense® System Usage Precautions

NOTE:

- Ensure that the rear bumper is free of snow, ice, mud, dirt and debris to keep the ParkSense® system operating properly.

- Jackhammers, large trucks, and other vibrations could affect the performance of ParkSense®.
- When you turn ParkSense® off, the EVIC will display "PARK ASSIST OFF." Furthermore, once you turn ParkSense® off, it remains off until you turn it on again, even if you cycle the ignition key.
- When you move the shift lever to the REVERSE position and ParkSense® is turned off, the EVIC will display "PARK ASSIST OFF" message for as long as the vehicle is in REVERSE.
- Clean the ParkSense® sensors regularly, taking care not to scratch or damage them. The sensors must not be covered with ice, snow, slush, mud, dirt or debris. Failure to do so can result in the system not working properly. The ParkSense® system might not detect an obstacle behind the fascia/bumper, or it could provide a false indication that an obstacle is behind the fascia/bumper.
- Objects such as bicycle carriers, trailer hitches, etc., must not be placed within 12 in (30 cm) from the rear fascia/bumper while driving the vehicle. Failure to do so can result in the system misinterpreting a close object as a sensor problem, causing the "SERVICE PARK ASSIST SYSTEM" message to be displayed in the EVIC.

CAUTION!

- **ParkSense® is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located above or below the sensors will not be detected when they are in close proximity.**

(Continued)

CAUTION! (Continued)

- **The vehicle must be driven slowly when using ParkSense® in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using ParkSense®.**

WARNING!

- **Drivers must be careful when backing up even when using the ParkSense® Rear Park Assist system. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.**

(Continued)

WARNING! (Continued)

- **Before using the ParkSense® Rear Park Assist system, it is strongly recommended that the ball mount and hitch ball assembly is disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia when the warning display turns on the single flashing arc and sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.**

PARKVIEW® REAR BACK UP CAMERA — IF EQUIPPED

Your vehicle may be equipped with the ParkView® Rear Back Up Camera that allows you to see an on-screen image of the rear surroundings of your vehicle whenever the shift lever is put into REVERSE. The image will be displayed on the radio touchscreen display along with a caution note to "check entire surroundings" across the top of the screen. After five seconds this note will disappear. The ParkView® camera is located on the rear of the vehicle above the rear License plate.

When the vehicle is shifted out of REVERSE, the rear camera mode is exited and the navigation or audio screen appears again.

When displayed, static grid lines will illustrate the width of the vehicle while a dashed center-line will indicate the center of the vehicle to assist with parking or aligning to a hitch/receiver. The static grid lines will show separate zones that will help indicate the distance to the rear of the vehicle. The following table shows the approximate distances for each zone:

Zone	Distance to the rear of the vehicle
Red	0 - 1 ft (0 - 30 cm)
Yellow	1 ft - 3 ft (30 cm - 1 m)
Green	3 ft or greater (1 m or greater)

WARNING!

Drivers must be careful when backing up even when using the ParkView® Rear Back Up Camera. Always check carefully behind your vehicle, and be sure to check for pedestrians, animals, other vehicles, obstructions, or blind spots before backing up. You are responsible for the safety of your surroundings and must continue to pay attention while backing up. Failure to do so can result in serious injury or death.

CAUTION!

- **To avoid vehicle damage, ParkView® should only be used as a parking aid. The ParkView® camera is unable to view every obstacle or object in your drive path.**

(Continued)

CAUTION! (Continued)

- **To avoid vehicle damage, the vehicle must be driven slowly when using ParkView® to be able to stop in time when an obstacle is seen. It is recommended that the driver look frequently over his/her shoulder when using ParkView®.**

NOTE: If snow, ice, mud, or any foreign substance builds up on the camera lens, clean the lens, rinse with water, and dry with a soft cloth. Do not cover the lens.

Turning ParkView® On or Off — With Touch Screen Radio

1. Turn the Radio on.
2. Press the “More” soft button.
3. Press the “Settings” soft button.

4. Press the “Safety & Driving Assistance” soft button.

5. Press the check box soft key next to “Parkview® Backup Camera” to enable/disable.

OVERHEAD CONSOLE

The overhead console contains courtesy/reading lights and storage for sunglasses. Universal Garage Door Opener (HomeLink®) buttons and power sunroof switch may also be included, if equipped.



Overhead Console

Courtesy/Reading Lights

Located in the Overhead console are two flood lights and two map lights. To turn on the flood lighting, press the lens to turn these lights on. Press a second time to turn off.

To turn on the map lighting, press the button with the light graphic. Press a second time to turn off.

The lights also turn on when a front or rear door is opened, when the UNLOCK button on the Remote Keyless Entry (RKE) transmitter is pressed, or when the dimmer is moved up to the ON position.

Sunglasses Storage

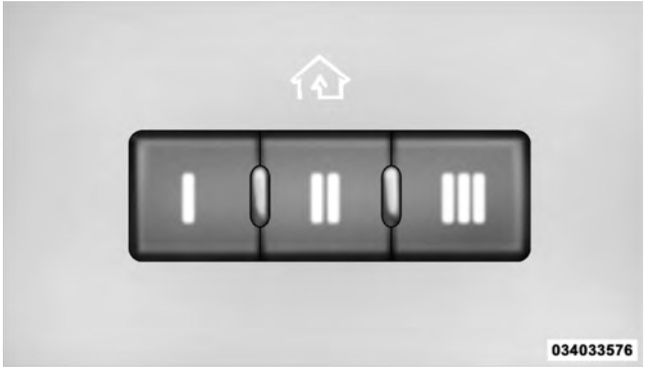
At the front of the overhead console, a compartment is provided for the storage of a pair of sunglasses.

The storage compartment access is a "push/push" design. Push on the raised bar on the compartment door to open. Push on the raised bar to close.

GARAGE DOOR OPENER — IF EQUIPPED

HomeLink® replaces up to three remote controls (hand-held transmitters) that operate devices such as garage door openers, motorized gates, lighting or home security systems. The HomeLink® unit operates off your vehicle's battery.

The HomeLink® buttons are located in the overhead console, and contain one, two or three dots/lines designating the different HomeLink® channels.



HomeLink® Buttons

NOTE: HomeLink® is disabled when the Vehicle Security Alarm is active.

WARNING!

- **Your motorized door or gate will open and close while you are training the Universal Transceiver. Do not train the transceiver if people, pets, or other objects are in the path of the door or gate.**
- **Do not run your vehicle in the garage while training the transceiver. Exhaust gas from your vehicle contains Carbon Monoxide (CO) which is odorless and colorless. Carbon Monoxide is poisonous when inhaled and cause you and others to be severely injured or killed.**

NOTE: Only use this transceiver with a garage door opener that has a “stop and reverse” feature as required by federal safety standards. This includes most garage door opener models manufactured after 1982. Do not use a garage door opener without these safety features. Call toll-free 1–800–355–3515 or, on the Internet at www.HomeLink.com for safety information or assistance.

Programming HomeLink®

Before You Begin

If you have not trained any of the HomeLink® buttons, erase all channels before you begin training.

To do this, press and hold the two outside buttons for up to 20 seconds. The EVIC will display “CLEARING CHANNELS.” Release the buttons when the EVIC message states “CHANNELS CLEARED.”

It is recommended that a new battery be placed in the handheld transmitter of the device that is being copied to HomeLink® for more efficient training and accurate transmission of the radio-frequency signal.

Your vehicle should be parked outside of the garage while training.

1. Place the ignition in the RUN position.

2. Place the handheld transmitter 1 to 3 in (3 to 8 cm) from the HomeLink® buttons while keeping the EVIC display in view.

For optimal training, point the battery end of the handheld transmitter away from the HomeLink®.

3. Simultaneously, press and hold both the chosen HomeLink® button and the handheld transmitter button until the EVIC display changes from “CHANNEL # TRAINING” to “CHANNEL # TRAINED.”

Then release both the HomeLink® and handheld transmitter buttons.

If the EVIC display states “DID NOT TRAIN” repeat Step 3. If the signal is too weak, replace the battery in the handheld transmitter.

It may take up to 30 seconds or longer in rare cases. The garage door may open and close while you train.

NOTE: Some gate operators and garage door openers may require you to replace Step 3 with procedures noted in the “Gate Operator/Canadian Programming” section.

4. Press and hold the just-trained HomeLink® button. If the channel has been trained, the EVIC display will now state “CHANNEL # TRANSMIT.”

If the EVIC display still states “CHANNEL # TRAINING” repeat Step 3.

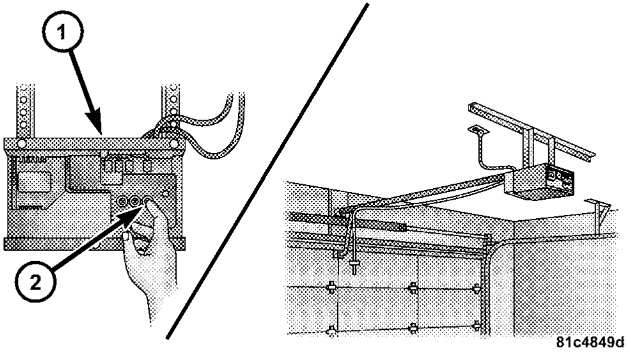
NOTE: After training a HomeLink® channel, if the garage door does not operate with HomeLink® and the garage door opener was manufactured after 1995, the

garage door opener may have rolling code. If so, proceed to the heading "Programming A Rolling Code System."

Programming A Rolling Code System

At the garage door opener motor (in the garage), locate the "Learn" or "Training" button.

This can usually be found where the hanging antenna wire is attached to the garage door opener motor (it is NOT the button normally used to open and close the door).



1 — Garage Door Opener
2 — Training Button

1. Firmly press and release the LEARN or TRAINING button. The name and color of the button may vary by manufacturer.

NOTE: You have 30 seconds in which to initiate the next step after the LEARN button has been pressed.

2. Return to the vehicle and press the programmed HomeLink® button twice (holding the button for two seconds each time). If the device is plugged in and activates, programming is complete.

If the device does not activate, press the button a third time (for two seconds) to complete the training.

If you have any problems, or require assistance, please call toll-free 1–800–355–3515 or, on the Internet at www.HomeLink.com for information or assistance.

To program the remaining two HomeLink® buttons, repeat each step for each remaining button. DO NOT erase the channels.

Gate Operator/Canadian Programming

Canadian radio-frequency laws require transmitter signals to “time-out” (or quit) after several seconds of transmission – which may not be long enough for HomeLink® to pick up the signal during programming. Similar to this Canadian law, some U.S. gate operators are designed to “time-out” in the same manner.

It may be helpful to unplug the device during the cycling process to prevent possible overheating of the garage door or gate motor.

If you are having difficulties programming a garage door opener or a gate operator, replace “Programming HomeLink” Step 3 with the following:

3. Continue to press and hold the HomeLink® button, while you press and release (“cycle”), your handheld transmitter every two seconds until HomeLink® has

successfully accepted the frequency signal. The EVIC display will change from “CHANNEL # TRAINING” to “CHANNEL # TRAINED.”

If you unplugged the device for training, plug it back in at this time.

Then proceed with Step 4 under “Programming HomeLink®” earlier in this section.

Using HomeLink®

To operate, press and release the programmed HomeLink® button. Activation will now occur for the trained device (i.e., garage door opener, gate operator, security system, entry door lock, home/office lighting, etc.,). The handheld transmitter of the device may also be used at any time.

Reprogramming A Single HomeLink® Button

To reprogram a channel that has been previously trained, follow these steps:

1. Place the ignition in the RUN position.

2. Press and hold the desired HomeLink® button for 20 seconds until the EVIC display states “CHANNEL # TRAINING.” **Do not release the button.**

3. **Without releasing the button,** proceed with Programming HomeLink® Step 2 and follow all remaining steps.

Security

It is advised to erase all channels before you sell or turn in your vehicle.

To do this, press and hold the two outside buttons for 20 seconds until the EVIC message states “CHANNELS CLEARED.” Note that all channels will be erased. Individual channels cannot be erased.

The HomeLink® Universal Transceiver is disabled when the Vehicle Security Alarm is active.

Troubleshooting Tips

If you are having trouble programming HomeLink®, here are some of the most common solutions:

- Replace the battery in the original transmitter.
- Press the LEARN button on the garage door opener to complete the training for rolling code.
- Did you unplug the device for training, and remember to plug it back in?

If you are having any problems or require assistance, please call toll-free 1–800–355–3515 or, on the Internet at www.HomeLink.com for information or assistance.

General Information

This device complies with FCC rules Part 15 and Industry Canada RSS-210. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference that may be received including interference that may cause undesired operation.

NOTE: The transmitter has been tested and it complies with FCC and IC rules. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device.

The term "IC:" before the certification/registration number only signifies that Industry Canada technical specifications were met.

POWER SUNROOF — IF EQUIPPED

The power sunroof switch is located between the sun visors on the overhead console.



Power Sunroof Switch

WARNING!

- **Never leave children in a vehicle with the key in the ignition switch. Occupants, particularly unattended children, can become entrapped by the power sunroof while operating the power sunroof switch. Such entrapment may result in serious injury or death.**
- **In a collision, there is a greater risk of being thrown from a vehicle with an open sunroof. You could also be seriously injured or killed. Always fasten your seat belt properly and make sure all passengers are properly secured too.**
- **Do not allow small children to operate the sunroof. Never allow your fingers, other body parts, or any object to project through the sunroof opening. Injury may result.**

Opening Sunroof — Express

Press the switch forward and release it within one-half second and the sunroof will close automatically from any position. The sunroof will close fully and stop automatically. This is called “Express Close”. During Express Close operation, any movement of the switch will stop the sunroof.

Opening Sunroof — Manual Mode

To open the sunroof, press and hold the switch rearward to full open. Any release of the switch will stop the movement and the sunroof will remain in a partially opened condition until the switch is pushed and held rearward again.

Closing Sunroof — Express

Press the switch forward and release it within one-half second and the sunroof will close automatically from any position. The sunroof will close fully and stop automatically. This is called “Express Close”. During Express Close operation, any movement of the switch will stop the sunroof.

Closing Sunroof — Manual Mode

To close the sunroof, press and hold the switch in the forward position. Any release of the switch will stop the movement and the sunroof will remain in a partially closed condition until the switch is pushed and held forward again.

Pinch Protect Feature

This feature will detect an obstruction in the opening of the sunroof during Express Close operation. If an obstruction is detected, the sunroof will automatically retract. Remove the obstruction if this occurs. Next, press the switch forward and release to Express Close.

NOTE: If three consecutive sunroof close attempts result in Pinch Protect reversals, the fourth close attempt will be a Manual Close movement with Pinch Protect disabled.

Pinch Protect Override

If a known obstruction (ice, debris, etc.) prevents closing the sunroof, press the switch forward and hold for two seconds after the reversal occurs. This allows the sunroof to move toward the closed position.

NOTE: Pinch protection is disabled while the switch is pressed.

Venting Sunroof — Express

Press and release the “Vent” button, and the sunroof will open to the vent position. This is called “Express Vent”, and will occur regardless of sunroof position. During Express Vent operation, any movement of the switch will stop the sunroof.

Sunshade Operation

The sunshade can be opened manually. However, the sunshade will open automatically as the sunroof opens.

NOTE: The sunshade cannot be closed if the sunroof is open.

Wind Buffeting

Wind buffeting can be described as the perception of pressure on the ears or a helicopter-type sound in the ears. Your vehicle may exhibit wind buffeting with the windows down, or the sunroof (if equipped) in certain open or partially open positions. This is a normal occurrence and can be minimized. If the buffeting occurs with the rear windows open, open the front and rear windows together to minimize the buffeting. If the buffeting occurs with the sunroof open, adjust the sunroof opening to minimize the buffeting or open any window.

Sunroof Maintenance

Use only a nonabrasive cleaner and a soft cloth to clean the glass panel.

Ignition OFF Operation

The power sunroof switches can be programmed to remain active for up to approximately ten minutes after the ignition switch has been turned OFF. Refer to “Electronic Vehicle Information Center (EVIC)/Customer-Programmable Features (System Setup)” under “Understanding Your Instrument Panel” for further information. NOTE: Opening either front door will cancel this feature.

COMMAND VIEW SUNROOF WITH POWER SHADE — IF EQUIPPED

The command view sunroof switch is located to the left between the sun visors on the overhead console.

The power shade switch is located to the right between the sun visors on the overhead console.



Command View Sunroof and Power Shade Switches

WARNING!

- **Never leave children in a vehicle with the key in the ignition switch. Occupants, particularly unattended children, can become entrapped by the power sunroof while operating the power sunroof switch. Such entrapment may result in serious injury or death.**
- **In a collision, there is a greater risk of being thrown from a vehicle with an open sunroof. You could also be seriously injured or killed. Always fasten your seat belt properly and make sure all passengers are properly secured too.**
- **Do not allow small children to operate the sunroof. Never allow your fingers, other body parts, or any object to project through the sunroof opening. Injury may result.**

Opening Sunroof – Express

Press the sunroof switch rearward for less than one second and release, and the sunroof glass will automatically slide fully open from any position, then stop. This is called "Express Open". During Express Open operation, any sunroof switch press or shade switch press will stop the sunroof. If the shade is closed when the sunroof switch is pressed, the shade will automatically move to the middle position before the sunroof begins Express Open operation.

Venting Sunroof – Express

Press the center "Vent" button on the sunroof switch for less than one second and release, and the sunroof glass will automatically vent fully open from any position, then stop. This is called "Express Vent". During Express Vent operation, any sunroof switch press or shade switch press will stop the sunroof. If the shade is closed when

the vent switch is pressed, the shade will automatically move to the middle position before the sunroof begins Express Vent operation.

Closing Sunroof – Express

Press the sunroof switch forward for less than one second and release, and the sunroof glass will automatically close from any position, then stop. This is called “Express Close”. During Express Close operation, any sunroof switch press or shade switch press will stop the sunroof.

Opening Power Shade – Express

Press the shade switch rearward for less than one second and release, and the shade will automatically open, then stop. This is called “Express Shade Open”. If the shade is forward of the middle position, it will move to the middle position then stop. If the shade is at or rearward of the middle position, it will move to the full open position then stop. During Express Shade Open operation, any sunroof switch press or shade switch press will stop the shade.

Closing Power Shade – Express

Press the shade switch forward for less than one second and release, and the shade will automatically close, then stop. This is called “Express Shade Close”. If the sunroof is not at the closed position and the shade is rearward of the middle position, the shade will move to the middle position then stop. If the sunroof is not at the closed position and the shade is at the middle position, the sunroof will automatically move to the fully closed position before the shade begins Express Shade Close operation. During Express Shade Close operation, any sunroof switch press or shade switch press will stop the shade.

Sunroof and Power Shade Movement – Manual

If any sunroof or shade switch is pressed and held for more than one second, the sunroof or shade movement will continue only as long as the switch is continuously held. Whenever the switch is released, any sunroof or shade movement will stop. This allows the sunroof or shade to be stopped at any desired partially open position.

Pinch Protect Feature

This feature will detect an obstruction in the opening of the sunroof or the shade during any close operation. If an obstruction is detected, the sunroof or shade will automatically reverse direction to release the obstruction. If this occurs, remove the obstruction and then press the sunroof or shade switch forward to complete the desired close motion.

Pinch Protect Override

Method 1: If a known obstruction (ice, debris, etc) prevents closing of the sunroof or shade, press the corresponding switch forward and hold for two seconds after the reversal motion ends. After two seconds, all closing motions will be manual and will have Pinch Protect disabled. This will allow the sunroof or shade to move towards the closed position.

Method 2: If three consecutive sunroof or shade close attempts result in Pinch Protect reversals, the fourth close attempt will be a Manual Close movement with Pinch Protect disabled.

Pinch Protect Override Cancellation

Once the sunroof or shade reaches the closed position, Pinch Protect will reactivate. In addition, if any other switch is pressed which moves the sunroof or shade away from the closed position, Pinch Protect will reactivate.

Wind Buffeting

Wind buffeting can be described as the perception of pressure on the ears or a helicopter-type sound in the ears. Your vehicle may exhibit wind buffeting with the windows down, or the sunroof (if equipped) in certain open or partially open positions. This is a normal occurrence and can be minimized. If the buffeting occurs with the rear windows open, open the front and rear windows together to minimize the buffeting. If the buffeting occurs with the sunroof open, adjust the sunroof opening to minimize the buffeting or open any window.

Sunroof Maintenance

Use only a non-abrasive cleaner and a soft cloth to clean the glass panel.

Ignition OFF Operation

The power sunroof switches can be programmed to remain active for up to approximately ten minutes after the ignition switch has been turned OFF. Refer to “Electronic Vehicle Information Center (EVIC)/Customer-Programmable Features (System Setup)” under “Understanding Your Instrument Panel” for further information.

NOTE: Opening either front door will cancel this feature.

Sunroof Fully Closed

Press the switch forward and release to ensure that the sunroof is fully closed.

ELECTRICAL POWER OUTLETS

There are two 12 Volt (13 Amp) electrical power outlets on this vehicle. Both of the power outlets are protected by a fuse.

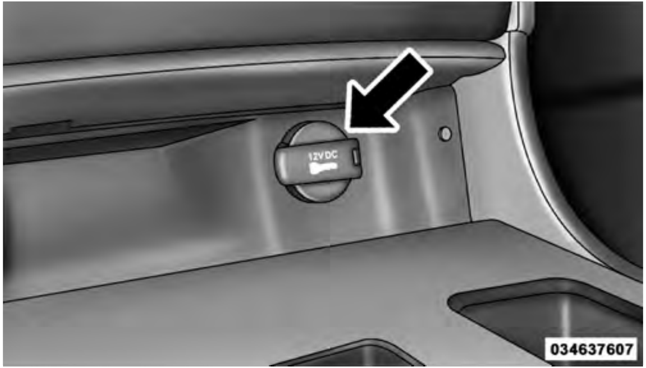
Insert cigar lighter or accessory plug into the power outlets for use to ensure proper operation.

NOTE: To ensure proper operation, a MOPAR® knob and element must be used.

CAUTION!

- **Do not exceed the maximum power of 160 Watts (13 Amps) at 12 Volts. If the 160 Watt (13 Amp) power rating is exceeded, the fuse protecting the system will need to be replaced.**
- **Power outlets are designed for accessory plugs only. Do not insert any other object in the power outlets as this will damage the outlet and blow the fuse. Improper use of the power outlet can cause damage not covered by your warranty.**

The front 12 Volt power outlet has power available only when the ignition is placed in the ACC or RUN position.



Front Power Outlet

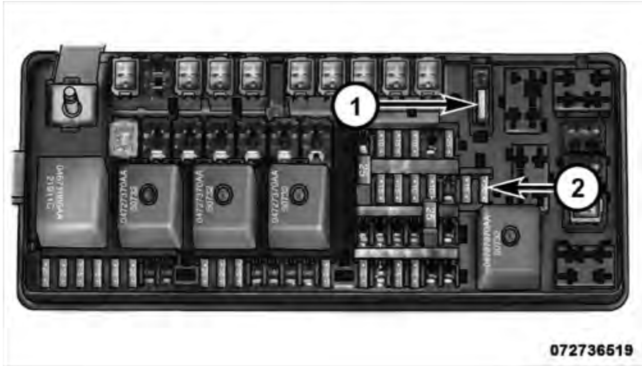
WARNING!

Do not place ashes inside the cubby bin located on the center console on vehicle's not equipped with the ash receiver tray. A fire leading to bodily injury could result.

The center console outlet, located on the back of the center console, is powered directly from the battery (power available at all times). Items plugged into this outlet may discharge the battery and/or prevent the engine from starting.



Center Console Power Outlet



Power Outlet Fuse Locations

1 — #12 Fuse 20 A Yellow Cigar Lighter Instrument Panel And Power Outlet Console Rear
2 — #38 Fuse 20 A Yellow Power Outlet Inside Arm Rest

WARNING!

To avoid serious injury or death:

- Only devices designed for use in this type of outlet should be inserted into any 12 Volt outlet.
- Do not touch with wet hands.
- Close the lid when not in use and while driving the vehicle.
- If this outlet is mishandled, it may cause an electric shock and failure.

CAUTION!

- Many accessories that can be plugged in draw power from the vehicle's battery even when not in use (i.e., cellular phones, etc.). Eventually, if plugged in long enough, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.
- Accessories that draw higher power (i.e., coolers, vacuum cleaners, lights, etc.) will degrade the battery even more quickly. Only use these intermittently and with greater caution.
- After the use of high power draw accessories or long periods of the vehicle not being started (with accessories still plugged in), the vehicle must be driven a sufficient length of time to allow the alternator to recharge the vehicle's battery.

(Continued)

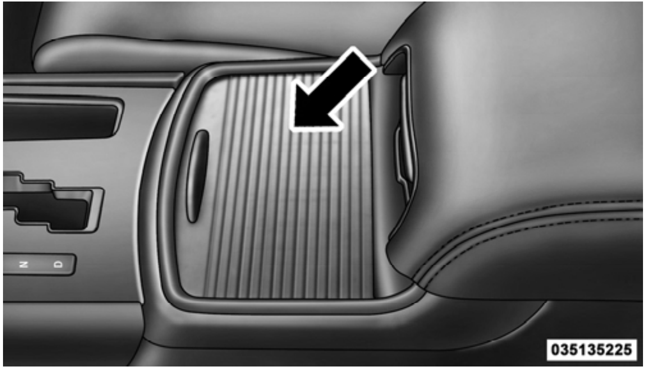
CAUTION! (Continued)

- **Power outlets are designed for accessory plugs only. Do not hang any type of accessory or accessory bracket from the plug. Improper use of the power outlet can cause damage.**

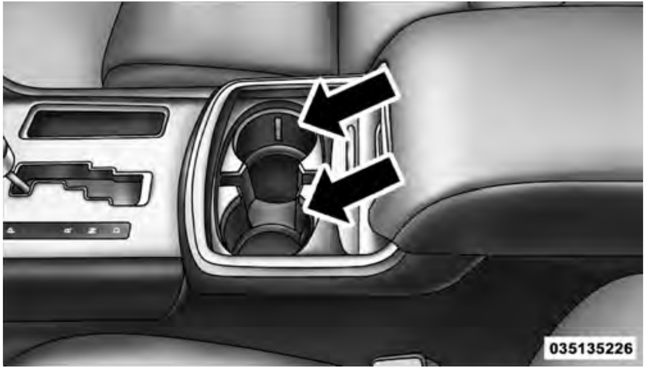
CUPHOLDERS

Front Seat Cupholders

The cupholders are located in the forward edge of the center console.



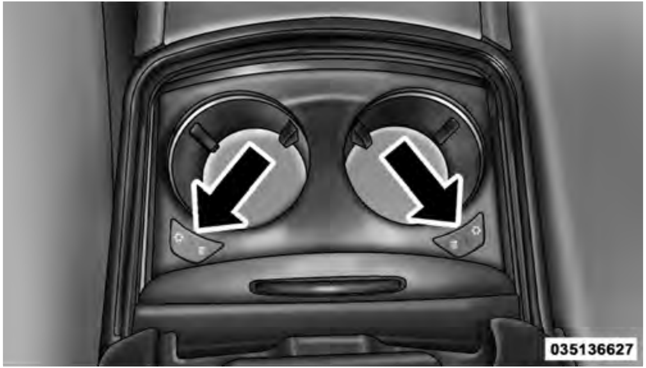
Retractable Cover



Front Cupholders

Heated and Cooled Cupholders — If Equipped

Your vehicle may be equipped with heated and cooled cupholders. The cupholders are designed to help keep warm beverages warm and cold beverages cool.



Heated And Cooled Cupholder Switches

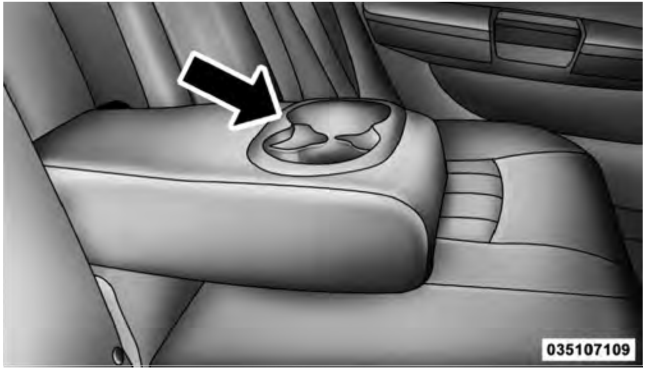
Press the “Cold” symbol once to turn on the cupholder; press the symbol a second time to turn the cupholder off. Press the “Hot” symbol once to activate the cupholder; press the symbol a second time to turn off the cupholder.

WARNING!

When using the cupholder in the "Heat" position, avoid contact with the heated portion of the cupholder in order to reduce the possibility of burns. Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injuries, medication, alcohol use, exhaustion or other physical condition must exercise particular care in order to prevent serious burn injury. Keep the cupholder free of debris or stray objects when operated in the Heat position.

Rear Seat Cupholders

The rear seat cupholders are located in the center armrest between the rear seats. The cupholders are positioned forward in the armrest and side-by-side to provide convenient access to beverage cans or bottles while maintaining a resting place for the rear occupant' s elbows.

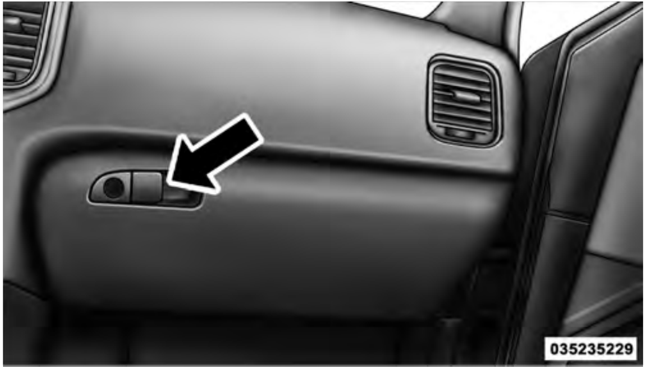


Rear Seat Cupholders

STORAGE

Glovebox Storage

The glovebox storage compartment is located on the passenger side of the instrument panel.



Glovebox Storage Compartment



Opened Glovebox Storage Compartment

Console Features

The center console contains two shift bezel cubby bins with rubber mats for holding small items. For vehicles not equipped with navigation radio, the console also contains an extra storage bin located below the climate control, which holds up to four CD jewel cases.

Two separate storage compartments are also located underneath the armrest.



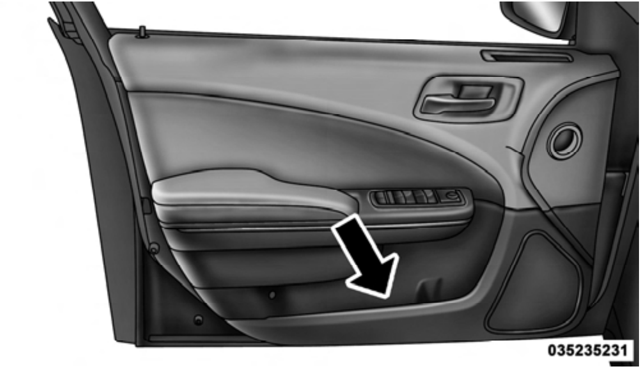
Center Console

The top compartment holds small items, such as a pen and note pad, while the larger bottom compartment will hold CDs and alike. The bottom compartment also contains a 12 Volt power outlet and a molded-in coin holder (designed to hold various size coins). A slot in the left and right side of the top compartment provides clearance for

power cords to pass conveniently out of the bin with the lid closed. This feature is ideal for games, laptops, mobile phones, or other electrical equipment. The console's front opening lid allows for easy access to these compartments.

Door Storage

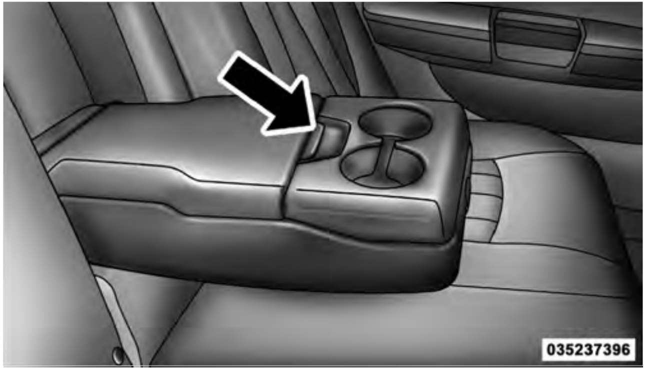
The door panels contain storage areas.



Front Door Trim Storage

Row Armrest Storage — If Equipped

For rear passengers there is a storage bin located in the armrest. Lift upward on the latch to open the storage compartment.



Rear Armrest Storage

Cargo Area — Vehicles Equipped with 60/40 Split-Folding Rear Seat

The 60/40 split-folding rear seat provides cargo-carrying versatility. The seatbacks fold down easily by pulling nylon tabs between the seatbacks and the bolsters. When the seats are folded down, they provide a continuous, nearly-flat extension of the load floor.

When the seatback is folded to the upright position, make sure it is latched by strongly pulling on the top of the seatback above the seat strap.

WARNING!

- **Be certain that the seatback is securely locked into position. If the seatback is not securely locked into position, the seat will not provide the proper stability for child seats and/or passengers. An improperly latched seat could cause serious injury.**

(Continued)

WARNING! (Continued)

- **The cargo area in the rear of the vehicle (with the rear seatbacks in the locked-up or folded down position) should not be used as a play area by children when the vehicle is in motion. They could be seriously injured in a collision. Children should be seated and using the proper restraint system.**
- **To help protect against personal injury, passengers should not be seated in the rear cargo area. The rear cargo space is intended for load carrying purposes only, not for passengers, who should sit in seats and use seat belts.**

WARNING!

The weight and position of cargo and passengers can change the vehicle center of gravity and vehicle handling. To avoid loss of control resulting in personal injury, follow these guidelines for loading your vehicle:

- **Always place cargo evenly on the cargo floor. Put heavier objects as low and as far forward as possible.**
- **Place as much cargo as possible in front of the rear axle. Too much weight or improperly placed weight over or behind the rear axle can cause the rear of the vehicle to sway.**
- **Do not pile luggage or cargo higher than the top of the seatback. This could impair visibility or become a dangerous projectile in a sudden stop or collision.**

CARGO AREA FEATURES

Trunk Mat — If Equipped

A trunk mat covers the bottom of the cargo area. The trunk mat is used to protect the interior of the trunk from mud, snow, and debris.

REAR WINDOW FEATURES

Rear Window Defroster



The rear window defroster button is located on the climate control. Press this button to turn on the rear window defroster and the heated outside mirrors (if equipped). An indicator in the button will illuminate when the rear window defroster is on. The rear window defroster automatically turns off after approximately 10 minutes. For an additional five minutes of operation, press the button a second time.

CAUTION!

Failure to follow these cautions can cause damage to the heating elements:

- **Use care when washing the inside of the rear window. Do not use abrasive window cleaners on the interior surface of the window. Use a soft cloth and a mild washing solution, wiping parallel to the heating elements. Labels can be peeled off after soaking with warm water.**
- **Do not use scrapers, sharp instruments, or abrasive window cleaners on the interior surface of the window.**
- **Keep all objects a safe distance from the window.**

LOAD LEVELING SYSTEM — IF EQUIPPED

The automatic load leveling system will provide a level-riding vehicle under most passenger and cargo loading conditions.

A hydraulic pump contained within the shock absorbers raises the rear of the vehicle to the correct height. It takes approximately 1 mile (1.6 km) of driving for the leveling to complete depending on road surface conditions.

If the leveled vehicle is not moved for approximately 15 hours, the leveling system will bleed itself down. The vehicle must be driven to reset the system.

POWER SUNSCREEN — IF EQUIPPED

Your vehicle may be equipped with a power sunscreen that will reduce the amount of sunlight that will shine through the rear windshield.

The power sunscreen can be operated using the Uconnect™ Touch System. Refer to "Uconnect™ Touch Settings" in "Understanding Your Instrument Panel" for further information.

Press the “Controls” soft-key and then press the “Sunscreen” soft-key to raise the power sunscreen. Press the “Sunscreen” soft-key a second time to lower the sunscreen.

The power sunscreen can also be operated by passengers in the rears seats. The power screen switch is located on the back of the center console between the heated seat switches. Press the switch once to lower the sunscreen. Press the switch a second time to raise the sunscreen.

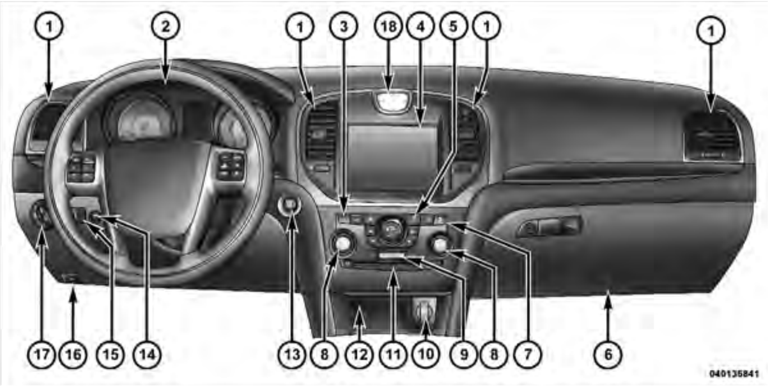


Power Sunscreen Switch

UNDERSTANDING YOUR INSTRUMENT PANEL

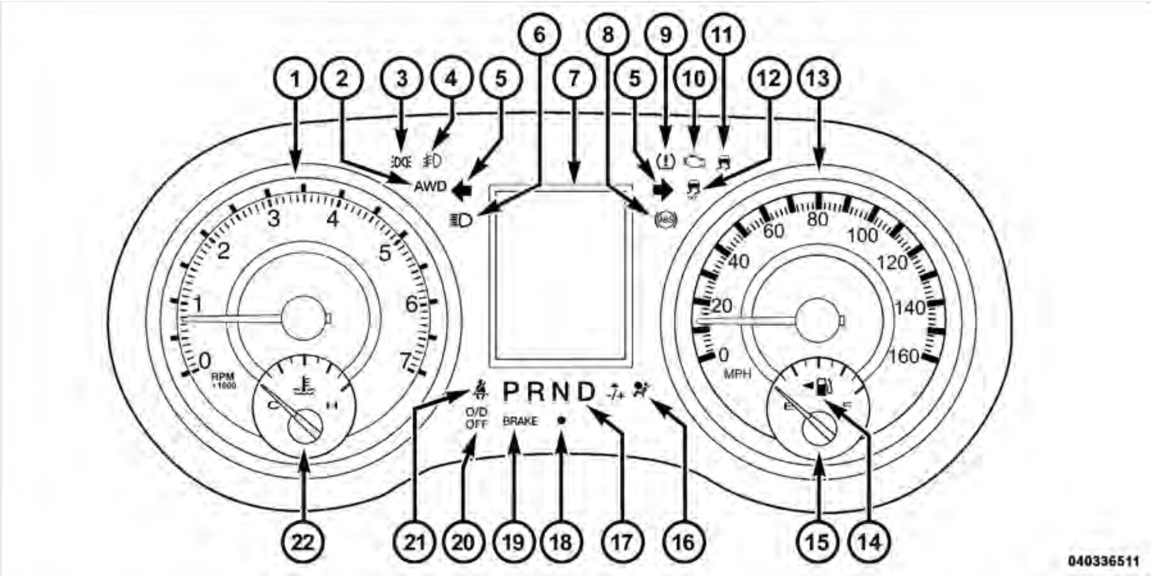
CONTENTS

INSTRUMENT PANEL FEATURES



1 — Air Outlet	7 — ESC Off Switch	13 — Engine Start/Stop Button
2 — Instrument Cluster	8 — Uconnect Touch™ System Hard Controls	14 — Trunk Release Button
3 — Hazard Switch	9 — SD Memory Card Slot	15 — Dimmer Controls
4 — Uconnect Touch™ System	10 — Power Outlet	16 — Hood Release
5 — Climate Control Hard Controls	11 — CD/DVD Slot	17 — Headlight Switch
6 — Glove Compartment	12 — Storage Compartment	18 — Analog Clock

INSTRUMENT CLUSTER



INSTRUMENT CLUSTER DESCRIPTIONS

1. Tachometer

The red segments indicate the maximum permissible engine revolutions per minute (RPM x 1000) for each gear range. Before reaching the red area, ease up on the accelerator.

2. AWD (All Wheel Drive) Indicator

The AWD indicator will illuminate when All Wheel Drive (AWD) is activated.

3. Position Light Indicator — If Equipped



This indicator will illuminate when the park lights or headlights are turned on.

4. Front Fog Light Indicator — If Equipped



This indicator will illuminate when the front fog lights are on.

5. Turn Signal Indicators



The arrow will flash with the exterior turn signal when the turn signal lever is operated.

If the vehicle electronics sense that the vehicle has traveled about 1 mile (1.6 km) with the turn signals on, a continuous chime will sound to alert you to turn the signals off. If either indicator flashes at a rapid rate, check for a defective outside light bulb.

6. High Beam Indicator



This indicator shows that the high beam headlights are on. Push the multifunction lever forward to switch the headlights to high beam, and pull toward yourself (normal position) to return to low beam.

7. Odometer Display / Electronic Vehicle Information Center (EVIC) Display

Odometer Display

The odometer display shows the total distance the vehicle has been driven.

U.S. Federal regulations require that upon transfer of vehicle ownership, the seller certify to the purchaser the correct mileage that the vehicle has been driven. If your odometer needs to be repaired or serviced, the repair technician should leave the odometer reading the same as it was before the repair or service. If s/he cannot do so, then the odometer must be set at zero, and a sticker must be placed in the door jamb stating what the mileage was before the repair or service. It is a good idea for you to make a record of the odometer reading before the repair/service, so that you can be sure that it is properly reset, or that the door jamb sticker is accurate if the odometer must be reset at zero.

Electronic Vehicle Information Center (EVIC) Display

The Electronic Vehicle Information Center (EVIC) features a driver-interactive display that is located in the instrument cluster. For further information refer to “Electronic Vehicle Information Center (EVIC)”.

8. Anti-Lock Brake (ABS) Light



This light monitors the Anti-Lock Brake System (ABS). The light will turn on when the ignition switch is turned to the ON/RUN position and may stay on for as long as four seconds.

If the ABS light remains on or turns on while driving, it indicates that the Anti-Lock portion of the brake system is not functioning and that service is required. However, the conventional brake system will continue to operate normally if the BRAKE warning light is not on.

If the ABS light is on, the brake system should be serviced as soon as possible to restore the benefits of Anti-Lock brakes. If the ABS light does not turn on when the

ignition switch is turned to the ON/RUN position, have the light inspected by an authorized dealer.

9. Tire Pressure Monitoring Telltale Light — If Equipped



Each tire, including the spare (if provided), should be checked monthly, when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.)

As an added safety feature, your vehicle has been equipped with a Tire Pressure Monitoring System (TPMS) that illuminates a low tire pressure telltale when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle’s handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver’s responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously

illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle, to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

CAUTION!

The TPMS has been optimized for the original equipment tires and wheels. TPMS pressures and warning have been established for the tire size equipped on your vehicle. Undesirable system operation or sensor damage may result when using replacement equipment that is not of the same size, type, and/or style. Aftermarket wheels can cause sensor damage. Do not use tire sealant from a can, or balance beads if your vehicle is equipped with a TPMS, as damage to the sensors may result.

10. Malfunction Indicator Light (MIL)

The Malfunction Indicator Light (MIL) is part of an onboard diagnostic system, called OBD, that monitors engine and automatic transmission control systems. The light will illuminate when the key is in the ON/RUN position, before engine start. If the bulb

does not come on when turning the key from OFF to ON/RUN, have the condition checked promptly.

Certain conditions such as a loose or missing gas cap, poor fuel quality, etc., may illuminate the MIL after engine start. The vehicle should be serviced if the light stays on through several of your typical driving cycles. In most situations, the vehicle will drive normally and will not require towing.

CAUTION!

Prolonged driving with the MIL on could cause damage to the engine control system. It also could affect fuel economy and drivability. If the MIL is flashing, severe catalytic converter damage and power loss will soon occur. Immediate service is required.

WARNING!

A malfunctioning catalytic converter, as referenced above, can reach higher temperatures than in normal operating conditions. This can cause a fire if you drive slowly or park over flammable substances such as dry plants or wood or cardboard, etc. This could result in death or serious injury to the driver, occupants or others.

11. Electronic Stability Control (ESC) Activation/ Malfunction Indicator Light — If Equipped



The “ESC Activation/Malfunction Indicator Light” in the instrument cluster will come on when the ignition switch is turned to the ON/RUN position. It should go out with the engine running. If the “ESC Activation/Malfunction Indicator Light” comes on continuously with the engine running, a malfunction has been detected in the ESC

system. If this light remains on after several ignition cycles, and the vehicle has been driven several miles (kilometers) at speeds greater than 30 mph (48 km/h), see your authorized dealer as soon as possible to have the problem diagnosed and corrected.

NOTE:

- The "ESC Off Indicator Light" and the "ESC Activation/Malfunction Indicator Light" come on momentarily each time the ignition switch is turned to ON/RUN.
- Each time the ignition is turned to ON/RUN, the ESC system will be ON even if it was turned off previously.
- The ESC system will make buzzing or clicking sounds when it is active. This is normal; the sounds will stop when ESC becomes inactive following the maneuver that caused the ESC activation.

12. Electronic Stability Control (ESC) OFF Indicator Light — If Equipped



This light indicates the Electronic Stability Control (ESC) is off.

13. Speedometer

Indicates vehicle speed.

14. Fuel Door Reminder



The arrow in this symbol is a reminder that the Fuel Filler Door is located on the left side of the vehicle.

15. Fuel Gauge

The pointer shows the level of fuel in the fuel tank when the ignition switch is in the ON/RUN position.

16. Airbag Warning Light



This light will turn on for four to eight seconds as a bulb check when the ignition switch is first turned to ON/RUN. If the light is either not on during starting, stays on, or turns on while driving, then have the system inspected at an authorized dealer as soon as possible. Refer to “Occupant Restraints” in “Things To Know Before Starting Your Vehicle” for further information.

17. Shift Lever Indicator

The Shift Lever Indicator is self-contained within the instrument cluster. It displays the gear position of the automatic transmission.

NOTE:

- You must apply the brakes before shifting from PARK.
- The highest available transmission gear is displayed in the lower right corner of the Electronic Vehicle Information Center (EVIC) whenever the Electronic Range Select (ERS) feature is active. Use the +/- selector on the shift lever to activate ERS. Refer to “Automatic Transmission” in “Starting And Operating” for further information.

18. Vehicle Security Light — If Equipped

This light will flash at a fast rate for approximately 15 seconds, when the vehicle security alarm is arming, and then will flash slowly until the vehicle is disarmed.

19. Brake Warning Light

BRAKE

This light monitors various brake functions, including brake fluid level and parking brake application. If the brake light turns on, it may indicate that the parking brake is applied, that the brake fluid level is low, or that there is a problem with the anti-lock brake system reservoir.

If the light remains on when the parking brake has been disengaged, and the fluid level is at the full mark on the

master cylinder reservoir, it indicates a possible brake hydraulic system malfunction or that a problem with the Brake Booster has been detected by the Anti-Lock Brake System (ABS) / Electronic Stability Control (ESC) system. In this case, the light will remain on until the condition has been corrected. If the problem is related to the brake booster, the ABS pump will run when applying the brake and a brake pedal pulsation may be felt during each stop.

The dual brake system provides a reserve braking capacity in the event of a failure to a portion of the hydraulic system. A leak in either half of the dual brake system is indicated by the Brake Warning Light, which will turn on when the brake fluid level in the master cylinder has dropped below a specified level.

The light will remain on until the cause is corrected.

NOTE: The light may flash momentarily during sharp cornering maneuvers, which change fluid level conditions. The vehicle should have service performed, and the brake fluid level checked.

If brake failure is indicated, immediate repair is necessary.

WARNING!

Driving a vehicle with the red brake light on is dangerous. Part of the brake system may have failed. It will take longer to stop the vehicle. You could have a collision. Have the vehicle checked immediately.

Vehicles equipped with the Anti-Lock Brake System (ABS), are also equipped with Electronic Brake Force Distribution (EBD). In the event of an EBD failure, the Brake Warning Light will turn on along with the ABS Light. Immediate repair to the ABS system is required.

Operation of the Brake Warning Light can be checked by turning the ignition switch from the OFF position to the ON/RUN position. The light should illuminate for approximately two seconds. The light should then turn off unless the parking brake is applied or a brake fault is detected. If the light does not illuminate, have the light inspected by an authorized dealer.

The light also will turn on when the parking brake is applied with the ignition switch in the ON/RUN position.

NOTE: This light shows only that the parking brake is applied. It does not show the degree of brake application.

20. O/D (Overdrive) OFF Indicator Light



This light will illuminate when the O/D OFF button has been selected and overdrive has been turned off.

21. Seat Belt Reminder Light



When the ignition switch is first turned to ON/RUN, this light will turn on for four to eight seconds as a bulb check. During the bulb check, if the driver’s seat belt is unbuckled, a chime will sound. After the bulb check or when driving, if the driver’s seat belt remains unbuckled, the Seat Belt Reminder Light will illuminate and the chime will sound. Refer to “Occupant Restraints” in “Things To Know Before Starting Your Vehicle” for further information.

22. Temperature Gauge

The temperature gauge shows engine coolant temperature. Any reading within the normal range indicates that the engine cooling system is operating satisfactorily.

The gauge pointer will likely indicate a higher temperature when driving in hot weather, up mountain grades, or when towing a trailer. It should not be allowed to exceed the upper limits of the normal operating range.

CAUTION!

Driving with a hot engine cooling system could damage your vehicle. If temperature gauge reads "H" pull over and stop the vehicle. Idle the vehicle with the air conditioner turned off until the pointer drops back into the normal range. If the pointer remains on the "H" and you hear continuous chimes, turn the engine off immediately, and call an authorized dealership for service.

WARNING!

A hot engine cooling system is dangerous. You or others could be badly burned by steam or boiling coolant. You may want to call an authorized dealership for service if your vehicle overheats. If you decide to look under the hood yourself, see "Maintaining Your Vehicle". Follow the warnings under the Cooling System Pressure Cap paragraph.

ELECTRONIC VEHICLE INFORMATION CENTER (EVIC)

The Electronic Vehicle Information Center (EVIC) features a driver-interactive display that is located in the instrument cluster.



Electronic Vehicle Information Center (EVIC)

This system allows the driver to select a variety of useful information by pressing the switches mounted on the steering wheel. The EVIC consists of the following:

- Radio Info
- Fuel Economy Info
- Cruise Control Info
- Digital Vehicle Speed
- Trip Info
- Tire Pressure
- Vehicle Info Messages
- Stored Warning Messages
- Turn Menu OFF

The system allows the driver to select information by pressing the following buttons mounted on the steering wheel.



EVIC Steering Wheel Buttons

UP Button

△ Press and release the UP button to scroll upward through the main menu and Vehicle Info and Trip Info sub menus (Fuel Economy, Vehicle Info, Tire PSI, Cruise, Messages) and sub menus.

DOWN Button

▽ Press and release the DOWN button to scroll downward through the main menus and Vehicle Info and Trip Info sub menus.

SELECT Button

▷ Press and release the SELECT button to access the information screens or sub menu screens of a main menu item. Press and hold the SELECT button for two seconds to reset displayed/selected features that can be reset.

BACK Button

BACK Press the BACK button to return to the main menu from an info screen or sub menu item.

Electronic Vehicle Information Center (EVIC) Displays

The EVIC display consists of four sections:

1. The top line where compass direction and outside temperature are displayed.

2. The main display area where the menus and pop up messages are displayed.

3. The vehicle odometer line.

4. The reconfigurable telltales section below the odometer line.

The main display area will normally display the main menu or the screens of a selected feature of the main menu. The main display area also displays ″pop up″ messages that consist of approximately 60 possible warning or information messages. These pop up messages fall into several categories:

1. Five Second Stored Messages

When the appropriate conditions occur, this type of message takes control of the main display area for five seconds and then returns to the previous screen. Most of the messages of this type are then stored (as long as the condition that activated it remains active) and can be reviewed from the ″Messages″ main menu item. As long as there is a stored message, an ″i″ will be displayed in the EVIC's compass/outside temp line. Examples of this message type are ″Right Front Turn Signal Lamp Out″ and ″Low Tire Pressure″.

2. Unstored Messages

This message type is displayed indefinitely or until the condition that activated the message is cleared. Examples

of this message type are ″Turn Signal On″ (if a turn signal is left on) and ″Lights On″ (if driver leaves the vehicle).

3. Unstored Messages Until RUN

These messages deal primarily with the Remote Start feature. This message type is displayed until the ignition is in the RUN state. Examples of this message type are ″Remote Start Aborted - Door Ajar″ and ″Press Brake and Push Button to Start″.

4. Five Second Unstored Messages

When the appropriate conditions occur, this type of message takes control of the main display area for five seconds and then returns to the previous screen. Examples of this message type are ″Memory System Unavailable - Not in Park″ and ″Automatic High Beams On″.

The Reconfigurable Telltales section is divided into the white telltales area on the right, amber telltales in the middle, and red telltales on the left.

EVIC White Telltales

This area will show reconfigurable white caution telltales. These telltales include:

- ***Shift Lever Status***

The selected AutoStick gear is displayed as ″1″, ″2″, ″3″, ″4″, ″5″, or ″6″ and indicate the Electronic Range Select (ERS) feature has been engaged and the gear selected is displayed. For further information on ERS, refer to “Starting And Operating”

- ***Electronic Speed Control ON***



This telltale will illuminate when the electronic speed control is ON. For further information, refer to “Electronic Speed Control” in “Understanding The Features Of Your Vehicle”.

- *Electronic Speed Control SET*



This telltale will illuminate when the electronic speed control is SET. For further information, refer to “Electronic Speed Control” in “Understanding The Features Of Your Vehicle”.

- *Adaptive Cruise Control (ACC) ON*



This telltale will illuminate when the ACC is ON. For further information, refer to “Adaptive Cruise Control (ACC)” in “Understanding The Features Of Your Vehicle”.

- *Adaptive Cruise Control (ACC) SET*



This telltale will illuminate when the ACC is SET. For further information, refer to “Adaptive Cruise Control (ACC)” in “Understanding The Features Of Your Vehicle”.

EVIC Amber Telltales

This area will show reconfigurable amber caution telltales. These telltales include:

- *Forward Collision Warning (FCW) OFF*



This telltale informs the driver that the Forward Collision Warning feature is Off. The telltale is On when the front radar sensor is blocked and requires cleaning, the ACC/FCW sensors require service, or the ACC/FCW system is unavailable because of a system error. For further information, refer to “Adaptive Cruise Control (ACC)” in “Understanding The Features Of Your Vehicle”.

- *Low Fuel Telltale*



When the fuel level reaches approximately 3.0 gal (11.0 L) this light will turn on, and remain on until fuel is added.

- *Windshield Washer Fluid Low Indicator*



This telltale will turn on to indicate the windshield washer fluid is low.

- *Service AWD Telltale — If Equipped*

This telltale is on when the All Wheel Drive feature requires service.

- *ACC Malfunction Telltale — If Equipped*

This telltale is on when the Adaptive Cruise Control is not operating and needs service.

EVIC Red Telltales

This area will show reconfigurable red telltales. These telltales include:

- *Door Ajar*



This telltale turns on when one or more doors are ajar. The telltale will show which doors are ajar.

- *Oil Pressure Warning Telltale*



This telltale indicates low engine oil pressure. If the light turns on while driving, stop the vehicle and shut off the engine as soon as possible. A chime will sound for four minutes when this light turns on.

Do not operate the vehicle until the cause is corrected. This light does not show how much oil is in the engine. The engine oil level must be checked under the hood.

- *Charging System Telltale*



This telltale shows the status of the electrical charging system. If the telltale stays on or comes on while driving, turn off some of the vehicle's non-essential electrical devices or increase engine speed (if at idle). If the charging system telltale remains on, it means that the vehicle is experiencing a problem with the charging system. Obtain SERVICE IMMEDIATELY. See an authorized dealer.

If jump starting is required, refer to "Jump Starting Procedures" in "What To Do In Emergencies".

- *Electronic Throttle Control (ETC) Telltale*



This telltale informs you of a problem with the Electronic Throttle Control (ETC) system. If the telltale comes on while driving, have the system checked by an authorized dealer.

If a problem is detected, the telltale will come on while the engine is running. Cycle the ignition key when the vehicle has completely stopped and the shift lever is placed in the PARK position. The telltale should turn off.

If the telltale remains lit with the engine running, your vehicle will usually be drivable. However, see an authorized dealer for service as soon as possible. If the telltale is flashing when the engine is running, immediate service is required and you may experience reduced performance, an elevated/rough idle or engine stall and your vehicle may require towing.

- *Engine Temperature Warning Telltale*



This telltale warns of an overheated engine condition. As temperatures rise and the gauge approaches **H,** this telltale will illuminate and a single chime will sound after reaching a set threshold. Further overheating will cause the temperature gauge to pass **H,** the telltale will continuously flash and a continuous chime will occur until the engine is allowed to cool.

If the telltale turns on while driving, safely pull over and stop the vehicle. If the A/C system is on, turn it off. Also, shift the transmission into NEUTRAL and idle the vehicle. If the temperature reading does not return to normal, turn the engine off immediately and call for service. Refer to “If Your Engine Overheats” in “What To Do In Emergencies” for more information.

- *Transmission Temperature Warning Telltale*



This telltale indicates that the transmission fluid temperature is running hot. This may occur with severe usage, such as trailer towing. If this telltale turns on, safely pull over and stop the vehicle. Then, shift the transmission into NEUTRAL and run the engine at idle or faster until the light turns off.

CAUTION!

Continuous driving with the Transmission Temperature Warning Telltale illuminated will eventually cause severe transmission damage or transmission failure.

WARNING!

If the Transmission Temperature Warning Telltale is illuminated and you continue operating the vehicle, in some circumstances you could cause the fluid to boil over, come in contact with hot engine or exhaust components and cause a fire.

- *Trunk Ajar Telltale*



This telltale is on when the trunk lid is ajar.

- *Electric Power Steering Malfunction*



This telltale is on when the Electric Power Steering is not operating and needs service.

Oil Change Required

Your vehicle is equipped with an engine oil change indicator system. The ″Oil Change Due″ message will display in the EVIC for five seconds after a single chime has sounded at the start of each ignition that an oil change is due. The engine oil change indicator system is duty cycle based, which means the engine oil change interval may fluctuate dependent upon your personal driving style.

Unless reset, this message will continue to display each time you cycle the ignition to the ON position. To turn off the message temporarily, press and release the MENU button. To reset the oil change indicator system (after performing the scheduled maintenance) perform the following procedure:

1. Cycle the ignition to the ON position. (Do not start the engine).

2. Fully depress the accelerator pedal slowly three times within 10 seconds.

3. Cycle the ignition OFF.

NOTE: If the indicator message illuminates when you start the vehicle, the oil change indicator system did not reset. If necessary, repeat this procedure.

Fuel Economy

Press and release the UP or DOWN button until ″Fuel Economy″ is highlighted. Press the SELECT button and the next screen will display the following:

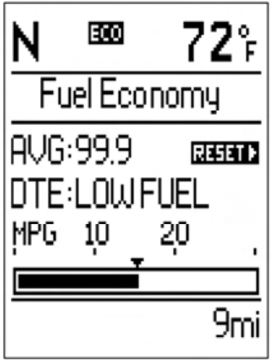
- Average Fuel Economy/Miles Per Gallon (MPG Bar-graph)
- Distance To Empty (DTE)
- Miles Per Gallon (MPG)

Press the SELECT button to reset the Average Fuel Economy. Press the BACK button to return to the main menu.

Average Fuel Economy

Shows the average fuel economy since the last reset. When Average Fuel Economy is selected, The word ″RESET>″ (with right arrow) appears next to it. Pressing the right arrow button will reset Average Fuel Economy which displays ″0″ immediately after reset. Then, the history information will be erased, and the averaging will continue from the last fuel average reading before the reset.

There is an ECO icon between the Compass and Outside Temperature info at the top of the EVIC display. This icon will appear whenever MDS (if equipped) allows the engine to operate on four cylinders, or if you are driving in a fuel efficient manner.



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Fuel Saver Mode — On

This feature allows you to monitor when you are driving in a fuel efficient manner, and it can be used to modify driving habits in order to increase fuel economy. Press the BACK button to return to the main menu.

Distance To Empty (DTE)

Shows the estimated distance that can be traveled with the fuel remaining in the tank. This estimated distance is determined by a weighted average of the instantaneous and average fuel economy, according to the current fuel tank level. DTE cannot be reset through the SELECT button.

NOTE: Significant changes in driving style or vehicle loading will greatly affect the actual drivable distance of the vehicle, regardless of the DTE displayed value.

When the DTE value is less than 30 miles (48 km) estimated driving distance, the DTE display will change to a “LOW FUEL” message. This display will continue until the vehicle runs out of fuel. Adding a significant amount of fuel to the vehicle will turn off the “LOW FUEL” message and a new DTE value will display. Press the BACK button to return to the main menu.

Miles Per Gallon (MPG)

The Miles Per Gallon (MPG) feature displays instantaneous fuel economy in a bar graph below the DTE, this function cannot be reset. Press the BACK button to return to the main menu.

Cruise Control

Press and release the UP or DOWN button until ″ACC″ (if equipped with Adaptive Cruise Control) or ″Cruise″ is highlighted in the EVIC. Status of the ACC or Cruise is displayed in the menu line also. Press and release the SELECT (right arrow) button to display the following information:

- If equipped with ACC, one of several messages will be displayed giving a dynamic update of the status of the feature as the driver changes feature status or following conditions change. If ACC is active and a warning

or other feature is in the EVIC main display, the ACC status will be displayed in place of the EVIC odometer line.

- For vehicles with Cruise, one of several messages will be displayed giving a dynamic update of the status of the feature as the driver changes feature status or conditions change. If Cruise is active and a warning or other feature is in the EVIC main display, the Cruise status will be displayed in place of the EVIC odometer line.

Press and release the BACK button to return to the main menu.

Vehicle Speed

Press and release the UP or DOWN button until ″Vehicle Speed″ is highlighted in the EVIC. Press the SELECT button to view a digital display of the current speed in mph or km/h. Pressing the SELECT button a second time will toggle the unit of measure between mph or km/h. Press the BACK button to return to the main menu.

NOTE: Changing the unit of measure in the Vehicle Speed menu will not change the unit of measure in the EVIC.

Trip Info

Press and release the UP or DOWN button until ″Trip Info″ is highlighted in the EVIC. Press and release the SELECT button to display the following three trip features in the next screen:

- Trip A
- Trip B
- Elapsed Time

Press the UP/DOWN buttons to cycle through all the Trip Computer functions or press the BACK button to return to the main menu.

The Trip Functions mode displays the following information:

Trip A
Shows the total distance traveled for Trip A since the last reset.

Trip B
Shows the total distance traveled for Trip B since the last reset.

Elapsed Time
Shows the total elapsed time of travel since the last reset. Elapsed time will increment when the ignition is in the ON or START position.

Resetting A Trip Info Function
To Reset any of the three Trip Info functions, select the function you want to reset using the UP or DOWN buttons. Push the SELECT button until the feature displays zero.

Tire PSI
Press and release the UP or DOWN button until ″Tire PSI″ is highlighted in the EVIC. Press and release the SELECT button and one of the following will be displayed:

- If tire pressure is OK for all tires a vehicle ICON is displayed with tire pressure values in each corner of the ICON.
- If one or more tires have low pressure, ″Tire Pressure LOW″ is displayed with the vehicle ICON and the tire pressure values in each corner of the ICON.
- If the Tire Pressure system requires service, ″Service Tire Pressure System″ is displayed.

Tire PSI is an information only function and cannot be reset. Press and release the BACK button to return to the main menu.

Vehicle Info (Customer Information Features)

Press and release the UP or DOWN button until ″Vehicle Info″ is highlighted in the EVIC. Press and release the SELECT button and Coolant Temp will be displayed. Press the UP or DOWN button to scroll through the following information displays.

- *Coolant Temp*

Displays the actual coolant temperature.

- *AWD Status — If Equipped*

Displays a vehicle ICON with four wheels highlighted and ″AWD″ if All Wheel Drive is active. Displays a vehicle ICON with two wheels highlighted and ″RWD″ if All Wheel Drive is inactive.

- *Oil Temperature*

Displays the actual oil temperature.

- *Oil Pressure*

Displays the actual oil pressure.

- *Trans Temperature*

Displays the actual transmission temperature.

- *Engine Hours*

Displays the hours of engine operation.

Messages

Select from Main Menu using the UP or DOWN buttons. This feature shows the number of stored warning messages (in the # place holder). Pressing the SELECT button will allow you to see what the stored messages are. Pressing the BACK button takes you back to the Main Menu.

Turn Menu OFF

Select from Main Menu using the DOWN button. Pressing the SELECT button blanks the menu display. Pressing any one of the four steering wheel buttons brings the menu back.

Uconnect Touch™ Settings

The Uconnect Touch™ system uses a combination of soft and hard keys located on the center of the instrument panel that allows you to access and change the customer programmable features.

Hard-Keys

Hard-keys are located below the Uconnect Touch™ system in the center of the instrument panel.

Soft-Keys

Soft-keys are accessible on the Uconnect Touch™ display.

Uconnect Touch™ System 8.4 Settings — Customer Programmable Features

Press the More soft-key, then press the Settings soft-key to display the menu setting screen. In this mode the Uconnect Touch™ system allows you to access programmable features that may be equipped such as Display, Clock, Safety/Assistance, Lights, Doors & Locks, Auto-On Comfort & Remote Start, Engine Off Operation, Compass Settings, Audio, Phone/Bluetooth and SIRIUS Setup.



Uconnect Touch™ 8.4 Soft-keys

When making a selection, press the soft-key to enter the desired mode. Once in the desired mode press and

release the preferred setting until a check-mark appears next to the setting, showing that setting has been selected.

Once the setting is complete press the Back Arrow soft-key to return to the previous menu or press the X soft-key to close out of the settings screen. Pressing the Up or Down Arrow soft-keys on the right side of the screen will allow you to toggle up or down through the available settings.

Display
After pressing the Display soft-key the following settings will be available.

- ***Display Mode***

When in this display you may select one of the auto display settings. To change Mode status press and release the Day, Night or Auto soft-key followed by pressing the arrow back soft-key.

- ***Display Brightness with Headlights ON***

When in this display you may select display brightness with the headlights on and the headlights off. Adjust the brightness with the + and – setting soft-keys or by selecting any point on the scale in between the + and – soft-keys followed by pressing the arrow back soft-key.

- ***Display Brightness with Headlights OFF***

When in this display you may select display brightness with the headlights on and the headlights off. Adjust the brightness with the + and – setting soft-keys or by selecting any point on the scale in between the + and – soft-keys followed by pressing the arrow back soft-key.

- ***Set Language***

When in this display you may select one of three languages for all display nomenclature, including the trip functions and the navigation system (if equipped). Press the Set Language soft-key and then press the desired language sof -key until a check-mark appears next to the

language, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- ***Units***

When in this display you may select to have the EVIC, odometer, and navigation system (if equipped) changed between US and Metric units of measure. Press US or Metric until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- ***Voice Response Length***

When in this display you may change the Voice Response Length settings. To change the Voice Response Length press the Brief or Detailed soft-key until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- ***Touchscreen Beep***

When in this display you may turn on or shut off the sound heard when a touch screen button (soft-key) is pressed. Press the Touchscreen Beep soft-key until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- ***Navigation Turn-By-Turn in Cluster***

When this feature is selected, the turn-by-turn directions will appear in the display as the vehicle approaches a designated turn within a programmed route. To make your selection, press the Navigation Turn-By-Turn in Cluster soft-key, until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- ***Fuel Saver Display in Cluster***

The “ECO” message is located in the instrument cluster display, this message can be turned on or off. To make

your selection, press the Fuel Saver Display soft-key, until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

Clock

After pressing the Clock soft-key the following settings will be available.

• ***Sync Time with GPS***

When in this display you may automatically have the radio set the time. To change the Sync Time setting press the Sync with GPS Time soft-key until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

• ***Set Time Hours***

When in this display you may adjust the hours. The Sync with GPS Time soft-key must be unchecked. To make your selection press the + or - soft-keys to adjust the hours up or down. Press the back arrow soft-key to return to the previous menu or press the X soft-key to close out of the settings screen.

• ***Set Time Minutes***

When in this display you may adjust the minutes. The Sync with GPS Time soft-key must be unchecked. To make your selection press the + or - soft-keys to adjust the minutes up or down. Press the back arrow soft-key to return to the previous menu or press the X soft-key to close out of the settings screen.

• ***Time Format***

When in this display you may select the time format display setting. Press the Time Format soft-key until a check-mark appears next to the 12hrs or 24hrs setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- *Show Time in Status Bar*

When in this display you may turn on or shut off the digital clock in the status bar. To change the Show Time Status setting press the Show Time in Status Bar soft-key until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

Safety / Assistance

After pressing the Safety / Assistance soft-key the following settings will be available.

- *Front Collision Sensitivity*

The Front Collision Warning (FCW) feature can be can be set to Far, set to Near or turned Off. The default status of FCW is the Far setting. This means the system will warn you of a possible collision with the vehicle in front of you when you are farther away. This gives you the most reaction time. To change the setting for more dynamic driving select the Near setting. This warns you of a possible collision with the vehicle in front of you when you are much closer. This allows for a more dynamic driving experience. To change FCW status press and release the Off, Near or Far button followed by pressing the arrow back soft-key.

For further information, refer to "Adaptive Cruise Control (ACC)" in "Understanding The Features Of Your Vehicle".

- *Park Assist*

The Rear Park Assist system will scan for objects behind the vehicle when the transmission shift lever is in REVERSE and the vehicle speed is less than 11 mph (18 km/h). The system can be enabled with Sound Only, Sound and Display, or turned OFF. To change the Park Assist status press and release the Off, Sound Only or Sounds and Display button followed by pressing the arrow back soft-key. Refer to "Rear Park Assist System" in "Understanding The Features Of Your Vehicle" for system function and operating information.

- *Tilt Mirrors In Reverse*

When this feature is selected, the outside sideview mirrors will tilt downward when the ignition is in the RUN position and the transmission shift lever is in the REVERSE position. The mirrors will move back to their previous position when the transmission is shifted out of REVERSE. To make your selection, press the Tilt Mirrors in Reverse soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- *Blind Spot Alert*

When this feature is selected the Blind Spot Alert feature can be set to Off, Lights or Lights and Chime. The Blind Spot Alert feature can be activated in “Lights” mode, when this mode is selected the Blind Spot Monitor (BSM) system is activated and will only show a visual alert in the outside mirrors. When “Lights & Chime” mode is activated the Blind Spot Monitor (BSM) will show a visual alert in the outside mirrors as well as an audible alert when the turn signal is on. When “Off” is selected the Blind Spot Monitor (BSM) system is deactivated. To change the Blind Spot Alert status press the Off, Lights or Lights & Chime soft-key followed by pressing the arrow back soft-key.

NOTE: If your vehicle has experienced any damage in the area where the sensor is located, even if the fascia is not damaged, the sensor may have become misaligned. Take your vehicle to an authorized dealer to verify sensor alignment. Having a sensor that is misaligned will result in the BSM not operating to specification.

- *Parkview Backup Camera*

Your vehicle may be equipped with the ParkView® Rear Back Up Camera that allows you to see an on-screen image of the rear surroundings of your vehicle whenever the shift lever is put into REVERSE. The image will be displayed on the radio touchscreen display along with a caution note to “check entire surroundings” across the

top of the screen. After five seconds this note will disappear. The ParkView® camera is located on the rear of the vehicle above the rear License plate. To make your selection, press the Parkview Backup Camera soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- ***Rain Sensing Auto Wipers***

When this feature is selected, the system will automatically activate the windshield wipers if it senses moisture on the windshield. To make your selection, press the Rain Sensing soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- ***Hill Start Assist***

When this feature is selected, the Hill Start Assist (HSA) system is active. Refer to “Electronic Brake Control System” in “Starting And Operating” for system function and operating information. To make your selection, press the Hill Start Assist soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

Lights

After pressing the Lights soft-key the following settings will be available.

- ***Headlight Off Delay***

When this feature is selected, the driver can choose to have the headlights remain on for 0, 30, 60, or 90 seconds when exiting the vehicle. To change the Headlight Off Delay status press the 0, 30, 60 or 90 soft-key followed by pressing the arrow back soft-key.

- ***Headlight Illumination on Approach***

When this feature is selected, the headlights will activate and remain on for 0, 30, 60, or 90 seconds when the doors are unlocked with the RKE transmitter. To change the

Illuminated Approach status press the + or - soft-key to select your desired time interval. Press the back arrow soft-key to return to the previous menu.

- ***Headlights with Wipers***

When this feature is selected, and the headlight switch is in the AUTO position, the headlights will turn on approximately 10 seconds after the wipers are turned on. The headlights will also turn off when the wipers are turned off if they were turned on by this feature. To make your selection, press the Headlights with Wipers soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- ***Auto Dim High Beams***

When this feature is selected, the high beam headlights will deactivate automatically under certain conditions. To make your selection, press the Auto High Beams soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.. Refer to “Lights/ SmartBeam™ — If Equipped” in “Understanding The Features Of Your Vehicle” for further information.

- ***Daytime Running Lights***

When this feature is selected, the headlights will turn on whenever the engine is running. To make your selection, press the Daytime Running Lights soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- ***Steering Directed Lights***

When this feature is selected, the headlights turn relative to a change in direction of the steering wheel. To make your selection, press the Steering Directed Lights soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- *Headlight Dip (Traffic Changeover)*

Low beam headlights have more control of upward light and direct most of their light downward and either to the right for right had drive countries or to the left for left hand drive countries to provide safe forward visibility without excessive glare.

- *Flash Headlights With Lock*

When this feature is selected, the front and rear turn signals will flash when the doors are locked or unlocked with the RKE transmitter. This feature may be selected with or without the sound horn on lock feature selected. To make your selection, press the Flash Headlights with Lock soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

Doors & Locks

After pressing the Doors & Locks soft-key the following settings will be available.

- *Auto Unlock on Exit*

When this feature is selected, all doors will unlock when the vehicle is stopped and the transmission is in the PARK or NEUTRAL position and the driver's door is opened. To make your selection, press the Auto Unlock on Exit soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- *Flash Headlight with Lock*

When this feature is selected, the front and rear turn signals will flash when the doors are locked or unlocked with the RKE transmitter. To make your selection, press the Flash Lights with Lock soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- *Sound Horn with Lock*

When this feature is selected, the horn will sound when the remote start is activated. To make your selection, press the Sound Horn with Remote Start soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- *Sound Horn with Remote Start*

When this feature is selected, the horn will sound when the remote start is activated. To make your selection, press the Sound Horn with Remote Start soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- *1st Press of Key Fob Unlocks*

When **Unlock Driver Door Only On 1st Press** is selected, only the driver's door will unlock on the first press of the RKE transmitter UNLOCK button. When Driver Door 1st Press is selected, you must press the RKE transmitter UNLOCK button twice to unlock the passenger's doors. When **Unlock All Doors On 1st Press** is selected, all of the doors will unlock on the first press of the RKE transmitter UNLOCK button.

NOTE: If the vehicle is programmed to Unlock All Doors 1st Press, all doors will unlock no matter which Passive Entry equipped door handle is grasped. If Driver Door 1st Press is programmed, only the driver's door will unlock when the driver's door is grasped. With Passive Entry, if Driver Door 1st Press is programmed touching the handle more than once will only result in the driver's door opening. If driver door first is selected, once the driver door is opened, the interior door lock/unlock switch can be used to unlock all doors (or use RKE transmitter).

- *Passive Entry*

This feature allows you to lock and unlock the vehicle’s door(s) without having to press the RKE transmitter lock or unlock buttons. To make your selection, press the Passive Entry soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.. Refer to “Keyless Enter-N-Go” in “Things To Know Before Starting Your Vehicle”.

- *Personal Settings Linked to FOB*

This feature provides automatic driver seat positioning to enhance driver mobility when entering and exiting the vehicle. To make your selection, press the Memory Linked to FOB soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

NOTE: The seat will return to the memorized seat location (if Recall Memory with Remote Key Unlock is set to ON) when the RKE transmitter is used to unlock the door. Refer to “Driver Memory Seat” in “Understanding The Features Of Your Vehicle” for further information.

Auto-On Comfort & Remote Start

After pressing the Auto-On Comfort & Remote Start soft-key the following settings will be available.

- *Horn with Remote Start*

When this feature is selected, the horn will sound when the remote start is activated. To make your selection, press the Sound Horn with Remote Start soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- *Auto-on Driver Heated/Ventilated Seat & Steering Wheel with Vehicle Start*

When this feature is selected the driver’s heated seat and heated steering wheel will automatically turn on when

temperatures are below 40° F (4.4° C). When temperatures are above 80° F (26.7° C) the driver vented seat will turn on. To make your selection, press the Auto Heated Seats soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

Engine Off Options

After pressing the Engine Off Options soft-key the following settings will be available.

- ***Easy Exit Seat***

This feature provides automatic driver seat positioning to enhance driver mobility when entering and exiting the vehicle. To make your selection, press the Easy Exit Seats soft-key, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow soft-key to return to the previous menu.

- ***Engine Off Power Delay***

When this feature is selected, the power window switches, radio, Uconnect™ phone system (if equipped), DVD video system (if equipped), power sunroof (if equipped), and power outlets will remain active for up to 10 minutes after the ignition is cycled to OFF. Opening either front vehicle door will cancel this feature. To change the Engine Off Power Delay status press the 0 seconds, 45 seconds, 5 minutes or 10 minutes soft-key followed by pressing the arrow back soft-key.

- ***Headlight Off Delay***

When this feature is selected, the driver can choose to have the headlights remain on for 0, 30, 60, or 90 seconds when exiting the vehicle. To change the Headlight Off Delay status press the + or - soft-key to select your desired time interval. Press the back arrow soft-key to return to the previous menu.

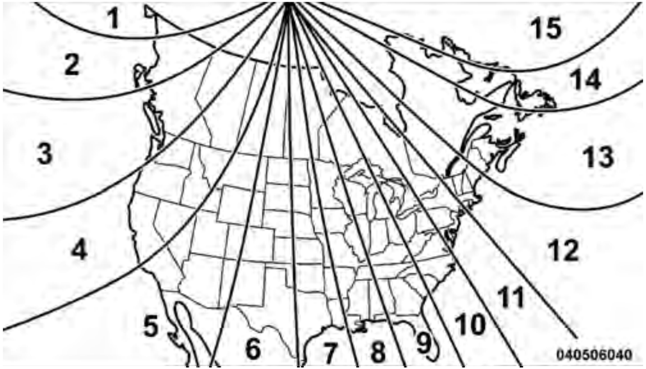
Compass Settings

After pressing the Compass Settings soft-key the following settings will be available.

- *Variance*

Compass Variance is the difference between Magnetic North and Geographic North. To compensate for the differences the variance should be set for the zone where the vehicle is driven, per the zone map. Once properly set, the compass will automatically compensate for the differences, and provide the most accurate compass heading. For the most accurate compass performance, the compass must be set using the following steps.

NOTE: Keep magnetic materials away from the top of the instrument panel, such as iPod's, Mobile Phones, Laptops and Radar Detectors. This is where the compass module is located, and it can cause interference with the compass sensor, and it may give false readings.



Compass Variance Map

- *Perform Compass Calibration*

Press the Calibration key to change this setting. This compass is self-calibrating, which eliminates the need to manually reset the compass. When the vehicle is new, the compass may appear erratic and the EVIC will display CAL until the compass is calibrated. You may also

calibrate the compass by pressing the ON soft-key and completing one or more 360–degree turns (in an area free from large metal or metallic objects) until the CAL indicator displayed in the EVIC turns off. The compass will now function normally.

NOTE: A good calibration requires a level surface and an environment free from large metallic objects such as buildings, bridges, underground cables, railroad tracks, etc.

Audio

After pressing the Audio soft-key the following settings will be available.

- ***Balance/Fade***

When in this display you may adjust the Balance and Fade settings.

- ***Equalizer***

When in this display you may adjust the Bass, Mid and Treble settings. Adjust the settings with the + and – setting soft-keys or by selecting any point on the scale in between the + and – soft-keys followed by pressing the arrow back soft-key.

- ***Speed Adjusted Volume***

Decreases volume relative to vehicle speed. To change the Speed Adjusted Volume press the Off, 1, 2 or 3 soft-key followed by pressing the arrow back soft-key.

- ***Music Info Cleanup***

This feature helps organize music files for optimized music navigation. To make your selection, press the Music Info Cleanup soft-key, select On or Off followed by pressing the arrow back soft-key.

Phone/Bluetooth

After pressing the Phone/Bluetooth soft-key the following settings will be available.

- *Paired Devices*

This feature shows which phones are paired to the Phone/Bluetooth system. For further information, refer to the Uconnect Touch™ Supplement.

SIRIUS Setup

After pressing the SIRIUS Setup soft-key the following settings will be available.

- *Channel Skip*

SIRIUS can be programmed to designate a group of channels that are the most desirable to listen to or to exclude undesirable channels while scanning. To make your selection, press the Channel Skip Seats soft-key, select the channels you would like to skip followed by pressing the arrow back soft-key.

- *Subscription Information*

New vehicle purchasers or lessees will receive a free limited time subscription to SIRIUS Satellite Radio with your radio. Following expiration of the free services, it will be necessary to access the information on the Subscription Information screen in order to re-subscribe.

Touch the Subscription Info soft-key to access the Subscription Information screen.

Write down the SIRIUS ID numbers for your receiver. To reactivate your service, either call the number listed on the screen or visit the provider online.

NOTE: SIRIUS Travel Link is a separate subscription.

SETTING THE ANALOG CLOCK

To set the analog clock at the top center of the instrument panel, press and hold the button until the setting is correct.



Analog Clock

iPod®/USB/MP3 CONTROL— IF EQUIPPED

This feature allows an iPod® or external USB device to be plugged into the USB port.

iPod® control supports Mini, 4G, Photo, Nano, 5G iPod® and iPhone® devices. Some iPod® software versions may not fully support the iPod® control features. Please visit Apple's website for software updates.

For further information, refer to the Uconnect Touch™ User's Manual.

KICKER® HIGH PERFORMANCE SOUND SYSTEM WITH DRIVER-SELECTABLE SURROUND (DSS) – IF EQUIPPED



Your vehicle is equipped with a state of the art audio amplifier that provides 5.1-channel simulated surround sound from any stereo audio source. A new feature of the KICKER® audio system offers the ability to choose surround sound for any audio source.

“Audio Surround” is optimized for front seat passengers for any audio source. This surround effect is available for audio from any source – AM/FM/CD/ Satellite Radio or AUX – and is activated through the Electronic Vehicle Information Center (EVIC). Refer to “Driver-Selectable Surround Sound (DSS)” under “Electronic Vehicle Information Center (EVIC)” in “Understanding Your Instrument Panel”.

DSS modes for audio sources are “Stereo” and “Audio Surround,” which is surround sound equalized for the front seat occupants. Please note that DSS effects are dependent on the mix of the original recording. Some audio will sound better in DSS modes, others in Stereo mode.

NOTE: Dependent on the audio source, the output may sound better in stereo or DDS surround mode.

When in “Audio Surround” mode, balance is set automatically. Fader control is available in surround mode but should be set to the center position for optimal surround performance.

STEERING WHEEL AUDIO CONTROLS

The remote sound system controls are located on the surface of the steering wheel at the three and nine o’clock positions.



Remote Sound System Controls (Back View Of Steering Wheel)

The right-hand control is a rocker-type switch with a pushbutton in the center and controls the volume and mode of the sound system. Pressing the top of the rocker switch will increase the volume, and pressing the bottom of the rocker switch will decrease the volume.

Pressing the center button will make the radio switch between the various modes available (AM/FM/TAPE/CD, etc.).

The left-hand control is a rocker-type switch with a pushbutton in the center. The function of the left-hand control is different depending on which mode you are in.

The following describes the left-hand control operation in each mode.

Radio Operation

Pressing the top of the switch will “Seek” up for the next listenable station and pressing the bottom of the switch will “Seek” down for the next listenable station.

The button located in the center of the left-hand control will tune to the next preset station that you have programmed in the radio preset pushbutton.

CD Player

Pressing the top of the switch once will go to the next track on the CD. Pressing the bottom of the switch once will go to the beginning of the current track, or to the beginning of the previous track if it is within one second after the current track begins to play.

If you press the switch up or down twice, it plays the second track; three times, it will play the third, etc.

The center button on the left side rocker switch has no function for a single-disc CD player. However, when a multiple-disc CD player is equipped on the vehicle, the center button will select the next available CD in the player.

CD/DVD DISC MAINTENANCE

To keep a CD/DVD in good condition, take the following precautions:

1. Handle the disc by its edge; avoid touching the surface.

2. If the disc is stained, clean the surface with a soft cloth, wiping from center to edge.

3. Do not apply paper or tape to the disc; avoid scratching the disc.

4. Do not use solvents such as benzene, thinner, cleaners, or anti-static sprays.

5. Store the disc in its case after playing.

6. Do not expose the disc to direct sunlight.

7. Do not store the disc where temperatures may become too high.

NOTE: If you experience difficulty in playing a particular disc, it may be damaged (i.e., scratched, reflective coating removed, a hair, moisture or dew on the disc) oversized, or have protection encoding. Try a known good disc before considering disc player service.

RADIO OPERATION AND MOBILE PHONES

Under certain conditions, the mobile phone being on in your vehicle can cause erratic or noisy performance from your radio. This condition may be lessened or eliminated by relocating the mobile phone antenna. This condition is not harmful to the radio. If your radio performance does not satisfactorily “clear” by the repositioning of the antenna, it is recommended that the radio volume be turned down or off during mobile phone operation when not using Uconnect™ (if equipped).

CLIMATE CONTROLS

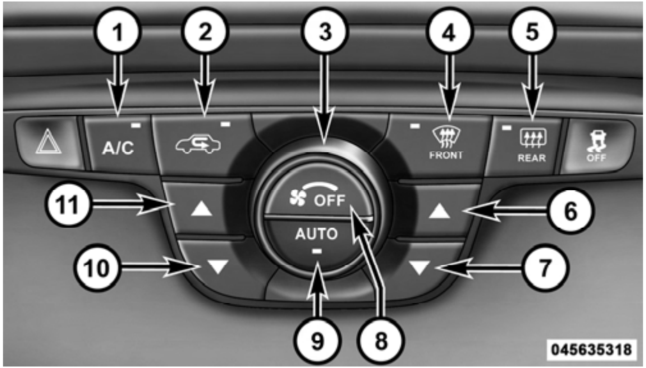
The air conditioning and heating system is designed to make you comfortable in all types of weather. This system can be operated through either the Automatic Climate Controls on the instrument panel or through the Uconnect Touch™ system display.

When the Uconnect Touch™ system is in different modes (Radio, Player, Settings, More, etc.) the driver and passenger temperature settings will be indicated at the top of the display.

General Overview

Hard-Keys

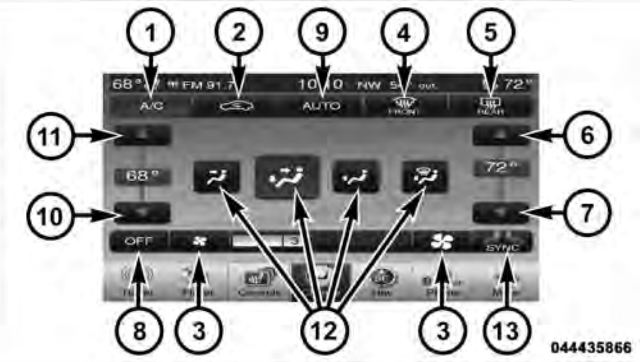
The hard-keys are located below the Uconnect Touch™ screen, in the center of the instrument panel.



Automatic Climate Controls — Hard-keys

Soft-Keys

Soft-keys are accessible on the Uconnect Touch™ system screen.



Uconnect Touch™ System 8.4 Automatic Temperature Controls — Soft-keys

Button Descriptions (Applies To Both Hard-keys And Soft-keys)

1. A/C Button

Press and release to change the current Air Conditioning (A/C) setting, the indicator illuminates when A/C is ON. Performing this function will cause the automatic operation to switch into manual mode and the AUTO indicator will turn off.

2. Recirculation Button

Press and release to change the current setting, the indicator illuminates when ON.

3. Blower Control

Blower control is used to regulate the amount of air forced through the climate system. There are seven blower speeds available. Adjusting the blower will cause automatic mode to switch to manual operation. The speeds can be selected using either hard-heys or soft-keys as follows:

Hard-key

The blower speed increases as you turn the control clockwise from the lowest blower setting. The blower speed decreases as you turn the knob counter-clockwise.

Soft-key — Uconnect Touch™ System 8.4

Use the small blower icon to reduce the blower setting and the large blower icon to increase the blower setting. Blower can also be selected by pressing the blower bar area between the icons.

4. Front Defrost Button

Press and release to change the current airflow setting to Defrost mode. The indicator illuminates when this feature is ON. Performing this function will cause the ATC to switch into manual mode. The blower speed may increase when Defrost mode is selected. If the front defrost mode is turned off the climate system will return the previous setting.

5. Rear Defrost Button

Press and release this button to turn on the rear window defroster and the heated outside mirrors (if equipped). An indicator will illuminate when the rear window defroster is on. The rear window defroster automatically turns off after 10 minutes.

CAUTION!

Failure to follow these cautions can cause damage to the heating elements:

- **Use care when washing the inside of the rear window. Do not use abrasive window cleaners on the interior surface of the window. Use a soft cloth and a mild washing solution, wiping parallel to the heating elements. Labels can be peeled off after soaking with warm water.**

(Continued)

CAUTION! (Continued)

- **Do not use scrapers, sharp instruments, or abrasive window cleaners on the interior surface of the window.**
- **Keep all objects a safe distance from the window.**

6. Passenger Temperature Control Up Button
Provides the passenger with independent temperature control. Push the button for warmer temperature settings.

NOTE: Pressing this button while in Sync mode will automatically exit Sync.

7. Passenger Temperature Control Down Button
Provides the passenger with independent temperature control. Push the button for cooler temperature settings.

NOTE: Pressing this button while in Sync mode will automatically exit Sync.

8. Climate Control OFF Button
Press and release this button to turn the Climate Control ON/OFF.

9. AUTO Operation Button
Automatically controls the interior cabin temperature by adjusting airflow distribution and amount. Performing this function will cause the ATC to switch between manual mode and automatic modes. Refer to "Automatic Operation" for more information.

10. Driver Temperature Control Down Button
Provides the driver with independent temperature control. Push the button for cooler temperature settings.

NOTE: In Sync mode, this button will also automatically adjust the passenger temperature setting at the same time.

11. Driver Temperature Control Up Button
Provides the driver with independent temperature control. Push the button for warmer temperature settings.

NOTE: In Sync mode, this button will also automatically adjust the passenger temperature setting at the same time.

12. Modes
The airflow distribution mode can be adjusted so air comes from the instrument panel outlets, floor outlets, demist outlets and defrost outlets. The Mode settings are as follows:

- **Panel Mode**


Air comes from the outlets in the instrument panel. Each of these outlets can be individually adjusted to direct the flow of air. The air vanes of the center outlets and outboard outlets can be moved up and down or side to side to regulate airflow direction. There is a shut off wheel located below the air vanes to shut off or adjust the amount of airflow from these outlets.

- **Bi-Level Mode**


Air comes from the instrument panel outlets and floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.

NOTE: BI-LEVEL mode is designed under comfort conditions to provide cooler air out of the panel outlets and warmer air from the floor outlets.

- **Floor Mode**


Air comes from the floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.

- **Mix Mode**



Air comes from the floor, defrost and side window demist outlets. This mode works best in cold or snowy conditions.

- **Defrost Mode**



Air comes from the windshield and side window demist outlets. Use Defrost mode with maximum temperature settings for best windshield and side window defrosting and defogging. When the defrost mode is selected, the blower level may increase.

NOTE: For Manual Climate Controls, while operating in other airflow modes than Defrost, the system will not automatically sense the presence of fog, mist or ice on the windshield. Defrost mode must be manually selected to clear the windshield and side glass.

13. SYNC

Press the Sync soft-key to toggle the Sync feature On/Off. The Sync indicator is illuminated when this feature is enabled. Sync is used to synchronize the passenger temperature setting with the driver temperature setting. Changing the passenger temperature setting while in Sync will automatically exit this feature.

Climate Control Functions

A/C (Air Conditioning)

The Air Conditioning (A/C) button allows the operator to manually activate or deactivate the air conditioning system. When the air conditioning system is turned on, cool dehumidified air will flow through the outlets into the cabin. For improved fuel economy, press the A/C button to turn off the air conditioning and manually adjust the blower and airflow mode settings.

NOTE:

- For Manual Climate Controls, if the system is in Mix, Floor or Defrost Mode, the A/C can be turned off, but the A/C system shall remain active to prevent fogging of the windows.

- If fog or mist appears on the windshield or side glass, select Defrost mode and increase blower speed.
- If your air conditioning performance seems lower than expected, check the front of the A/C condenser (located in front of the radiator), for an accumulation of dirt or insects. Clean with a gentle water spray from behind the radiator and through the condenser. Fabric front fascia protectors may reduce airflow to the condenser, reducing air conditioning performance.

Recirculation



When outside air contains smoke, odors, or high humidity, or if rapid cooling is desired, you may wish to recirculate interior air by pressing the Recirculation control button. The recirculation indicator will illuminate when this button is selected. Push the button a second time to turn off the Recirculation mode and allow outside air into the vehicle.

NOTE: In cold weather, use of Recirculation mode may lead to excessive window fogging. On systems with Manual Climate Controls, the Recirculation mode is not allowed in Mix, Floor and Defrost modes to improve window clearing operation. Recirculation will be disabled automatically if these modes are selected. Attempting to use Recirculation while in these modes will cause the LED in the control button to blink and then turn off.

Automatic Temperature Control (ATC)

ATC Hard-keys are located in the center of the instrument panel.

Soft-keys are accessible on the Uconnect Touch™ system screen.

Automatic Operation

1. Press the AUTO hard-key or soft-key button (9) on the Automatic Temperature Control (ATC) Panel.

2. Next, adjust the temperature you would like the system to maintain by adjusting the driver and passenger temperature hard or soft control buttons (6, 7, 10, 11). Once the desired temperature is displayed, the system will achieve and automatically maintain that comfort level.

3. When the system is set up for your comfort level, it is not necessary to change the settings. You will experience the greatest efficiency by simply allowing the system to function automatically.

NOTE:

- It is not necessary to move the temperature settings for cold or hot vehicles. The system automatically adjusts the temperature, mode and blower speed to provide comfort as quickly as possible.
- The temperature can be displayed in U.S. or Metric units by selecting the US/M customer-programmable feature. Refer to the “Uconnect Touch™ System Settings” in this section of the manual.

To provide you with maximum comfort in the Automatic mode, during cold start-ups the blower fan will remain on low until the engine warms up. The blower will increase in speed and transition into Auto mode.

Manual Operation

The system allows for manual selection of blower speed, air distribution mode, A/C status and recirculation control.

The blower fan speed can be set to any fixed speed by adjusting the blower control. The fan will now operate at a fixed speed until additional speeds are selected. This allows the front occupants to control the volume of air circulated in the vehicle and cancel the Auto mode.

The operator can also select the direction of the airflow by selecting one of the available mode settings. A/C operation and Recirculation control can also be manually selected in Manual operation.

Operating Tips

NOTE: Refer to the chart at the end of this section for suggested control settings for various weather conditions.

Summer Operation

The engine cooling system in air-conditioned vehicles must be protected with a high-quality antifreeze coolant to provide proper corrosion protection and to protect against engine overheating. A solution of 50% ethylene glycol antifreeze coolant and 50% water is recommended. Refer to “Maintenance Procedures” in “Maintaining Your Vehicle” for proper coolant selection.

Winter Operation

Use of the air Recirculation mode during Winter months is not recommended because it may cause window fogging.

Vacation Storage

Any time you store your vehicle or keep it out of service (i.e., vacation) for two weeks or more, run the air conditioning system at idle for about five minutes in the fresh air and high blower setting. This will ensure adequate system lubrication to minimize the possibility of compressor damage when the system is started again.

Window Fogging

Interior fogging on the windshield can be quickly removed by turning the mode selector to Defrost. The Defrost/Floor mode can be used to maintain a clear windshield and provide sufficient heating. If side window fogging becomes a problem increase blower speed. Vehicle windows tend to fog on the inside in mild but rainy or humid weather.

NOTE:

- Recirculate without A/C should not be used for long periods, as fogging may occur.
- Automatic Temperature Controls (ATC) will automatically adjust the climate control settings to reduce or eliminate window fogging on the front windshield.

Outside Air Intake

Make sure the air intake, located directly in front of the windshield, is free of obstructions such as leaves. Leaves collected in the air intake may reduce airflow, and if they enter the plenum, they could plug the water drains. In Winter months, make sure the air intake is clear of ice, slush, and snow.

A/C Air Filter

The climate control system filters outside air containing dust, pollen and some odors. Strong odors cannot be totally filtered out. Refer to “Maintenance Procedures” in “Maintaining Your Vehicle” for filter replacement instructions.

STARTING AND OPERATING

CONTENTS

STARTING PROCEDURES

Before starting your vehicle, adjust your seat, adjust the inside and outside mirrors, fasten your seat belt, and if present, instruct all other occupants to buckle their seat belts.

WARNING!

Never leave children alone in a vehicle. Leaving unattended children in a vehicle is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Do not leave the ignition in the ACC or RUN position. A child could operate power windows, other controls, or move the vehicle.

Automatic Transmission

The shift lever must be in the NEUTRAL or PARK position before you can start the engine. Apply the brakes before shifting into any driving gear.

CAUTION!

Damage to the transmission may occur if the following precautions are not observed:

- **Shift into PARK only after the vehicle has come to a complete stop.**
- **Shift into or out of REVERSE only after the vehicle has come to a complete stop and the engine is at idle speed.**
- **Do not shift from REVERSE, PARK, or NEUTRAL into any forward gear when the engine is above idle speed.**
- **Before shifting into any gear, make sure your foot is firmly on the brake pedal.**

Keyless Enter-N-Go



This feature allows the driver to operate the ignition switch with the push of a button, as long as the Remote Keyless Entry (RKE) transmitter is in the passenger compartment.

Normal Starting

Using the ENGINE START/STOP Button

NOTE: Normal starting of either a cold or a warm engine is obtained without pumping or pressing the accelerator pedal.

To start the engine, the transmission must be in PARK or NEUTRAL. Press and hold the brake pedal while pressing the ENGINE START/STOP button once. The system takes over and attempts to start the vehicle. If the vehicle fails to start, the starter will disengage automatically after 10 seconds. If you wish to stop the cranking of the engine prior to the engine starting, press the button again.

To Turn Off the Engine Using ENGINE START/STOP Button

1. Place the shift lever in PARK, then press and release the ENGINE START/STOP button.

2. The ignition switch will return to the OFF position.

3. If the shift lever is not in PARK, the ENGINE START/STOP button must be held for two seconds and vehicle speed must be above 5 mph (8 km/h) before the engine will shut off. The ignition switch position will remain in the ACC position until the shift lever is in PARK and the button is pressed twice to the OFF position. If the shift lever is not in PARK and the ENGINE START/STOP button is pressed once, the EVIC (if equipped) will display a “Vehicle Not In Park” message and the engine will remain running. Never leave a vehicle out of the PARK position, or it could roll.

NOTE: If the ignition switch is left in the ACC or RUN (engine not running) position and the transmission is in PARK, the system will automatically time out after 30 minutes of inactivity and the ignition will switch to the OFF position.

ENGINE START/STOP Button Functions – With Driver's Foot OFF the Brake Pedal (In PARK or NEUTRAL Position)

The Keyless Enter-N-Go feature operates similar to an ignition switch. It has four positions, OFF, ACC, RUN and START. To change the ignition switch positions without starting the vehicle and use the accessories follow these steps.

- Starting with the ignition switch in the OFF position:
- Press the ENGINE START/STOP button once to change the ignition switch to the ACC position (EVIC displays "ACC"),
- Press the ENGINE START/STOP button a second time to change the ignition switch to the RUN position (EVIC displays "ON/RUN"),
- Press the ENGINE START/STOP button a third time to return the ignition switch to the OFF position (EVIC displays "OFF").

Extreme Cold Weather (Below –20°F or −29°C)

To ensure reliable starting at these temperatures, use of an externally powered electric engine block heater (available from your authorized dealer) is recommended.

If Engine Fails To Start

WARNING!

- **Never pour fuel or other flammable liquids into the throttle body air inlet opening in an attempt to start the vehicle. This could result in a flash fire causing serious personal injury.**

(Continued)

WARNING! (Continued)

- **Do not attempt to push or tow your vehicle to get it started. Vehicles equipped with an automatic transmission cannot be started this way. Unburned fuel could enter the catalytic converter and once the engine has started, ignite and damage the converter and vehicle. If the vehicle has a discharged battery, booster cables may be used to obtain a start from a booster battery or the battery in another vehicle. This type of start can be dangerous if done improperly. Refer to "Jump Starting" in "What To Do In Emergencies" for further information.**

Clearing a Flooded Engine (Using ENGINE START/STOP Button)

If the engine fails to start after you have followed the “Normal Starting” or “Extreme Cold Weather″ procedures, it may be flooded. To clear any excess fuel, press and hold the brake pedal, push the accelerator pedal all the way to the floor and hold it, then press and release the ENGINE START/STOP button once. The starter motor will engage automatically, run for 10 seconds, and then disengage. Once this occurs, release the accelerator pedal and the brake pedal, wait 10 to 15 seconds, then repeat the “Normal Starting” procedure.

After Starting

The idle speed is controlled automatically and it will decrease as the engine warms up.

ENGINE BLOCK HEATER — IF EQUIPPED

The engine block heater warms the engine, and permits quicker starts in cold weather. Connect the cord to a standard 110-115 Volt AC electrical outlet with a grounded, three-wire extension cord.

The engine block heater cord is routed under the hood on the driver side of the vehicle. It has a removable cap that is located on the driver side of the Integrated Power Module.

The engine block heater must be plugged in at least one hour to have an adequate warming effect on the engine.

WARNING!

Remember to disconnect the engine block heater cord before driving. Damage to the 110-115 Volt electrical cord could cause electrocution.

AUTOMATIC TRANSMISSION

CAUTION!

Damage to the transmission may occur if the following precautions are not observed:

- **Shift into PARK only after the vehicle has come to a complete stop.**
- **Shift into or out of REVERSE only after the vehicle has come to a complete stop and the engine is at idle speed.**
- **Do not shift from REVERSE, PARK, or NEUTRAL into any forward gear when the engine is above idle speed.**
- **Before shifting into any gear, make sure your foot is firmly on the brake pedal.**

WARNING!

It is dangerous to move the shift lever out of PARK or NEUTRAL if the engine speed is higher than idle speed. If your foot is not firmly on the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is idling normally and when your right foot is firmly on the brake pedal.

General Information

The automatic transmission selects individual gears automatically, dependent upon:

- Altitude
- Vehicle loading
- Driving style

- Shift lever position
- Accelerator position
- Vehicle speed

The gear shifting process is continuously adapted, dependent on the driving style, the driving situation, and the road characteristics.

NOTE:
- After selecting any driving position, wait a moment to allow the gear to engage fully before accelerating, especially when the engine is cold.
- If there is a need to restart the engine, be sure to press the ENGINE START/STOP button before restarting. Transmission engagement may be delayed up to 10 seconds after restart if the ignition is not turned to the OFF position first.
- The electronically-controlled transmission provides a precise shift schedule. The transmission electronics are self-calibrating. Therefore, the first few shifts on a new vehicle may be somewhat abrupt or soft until after the break-in period. This is a normal condition, and precision shifts will develop within a few shift cycles.

The shift lever is automatically locked while in the PARK position. To move the shift lever out of the PARK position, the brake pedal must be firmly pressed before the shift lock will release.

Move the shift lever to the desired position only when the engine is idling normally and the brake pedal is applied. Do not release the brake pedal until ready to drive. The vehicle may otherwise accelerate quickly when the shift lever is in the DRIVE or REVERSE position.

WARNING!

Unintended movement of a vehicle could injure those in and near the vehicle. As with all vehicles, you should never exit a vehicle while the engine is running. Before exiting a vehicle, you should always shift the transmission into PARK, press the ENGINE START/STOP button to turn off the engine, and apply the parking brake. Once the ENGINE START/STOP button is in the OFF position, the shift lever is locked in the PARK position, securing the vehicle against unwanted movement. Furthermore, you should never leave unattended children inside a vehicle.

Over-Temperature Mode

The transmission electronics constantly monitor the transmission oil temperature. If the transmission exceeds normal operating temperature, the transmission will change the way it shifts to help control the condition. This may result in a slightly different feeling or response during normal operation in the DRIVE position. After the transmission cools down, it will return to normal operation.

Brake/Transmission Shift Interlock System

This vehicle is equipped with a Brake Transmission Shift Interlock System (BTSI) that holds the shift lever in the PARK position when the ignition light is in the OFF position. To move the shift lever out of the PARK position, the ignition light must be turned to the RUN position by pressing the ENGINE START/STOP button once or twice (engine running or not) and the brake pedal must be pressed.

Five-Speed Automatic Transmission

Shifting from DRIVE to PARK or REVERSE should be done only after the accelerator pedal is released and the vehicle is stopped. Be sure to keep your foot on the brake pedal when moving the shift lever between these gears.



Shift Lever

Gear Ranges

PARK

This range supplements the parking brake by locking the transmission. The engine can be started in this range. Never use PARK while the vehicle is in motion. Apply the parking brake when leaving the vehicle in this range.

When parking on a flat surface, place the shift lever in the PARK position first, and then apply the parking brake.

When parking on a hill, it is important to set the parking brake before placing the shift lever in PARK, otherwise the load on the transmission locking mechanism may make it difficult to move the shift lever out of PARK. As an added precaution, turn the front wheels toward the curb on a downhill grade and away from the curb on an uphill grade.

WARNING!

Never use the PARK position as a substitute for the parking brake. Always apply parking brake fully when parked to guard against vehicle movement and possible injury or damage.

The following indicators should be used to ensure that you have engaged the shift lever in the PARK position:

- When shifting into PARK, move the shift lever all the way forward and left until it stops and is fully seated.
- Look at the shift indicator display on the instrument panel to ensure it is in the PARK position.

CAUTION!

Damage to the shifter could result if the shift lever is moved out of PARK before the ignition light is turned from the OFF to the RUN position.

REVERSE

This range is used for moving the vehicle rearward. Always stop before moving the shift lever to REVERSE.

NEUTRAL

This range is used when the vehicle is standing for prolonged periods with the engine running. The engine may be started in this range. Set the parking brake and shift the transmission into PARK if you must leave the vehicle.

CAUTION!

Coasting the vehicle or driving for any other reason with shift lever in NEUTRAL can result in transmission damage.

WARNING!

Do not coast in NEUTRAL and never turn off the ignition to coast down a hill. These are unsafe practices that limit your response to changing traffic or road conditions. You might lose control of the vehicle and have a collision.

DRIVE

This range should be used for most city and highway driving. It provides the smoothest upshifts and downshifts and the best fuel economy.

The transmission automatically upshifts through fifth gear. The DRIVE position provides optimum driving characteristics under all normal operating conditions.

When frequent transmission shifting occurs (such as when operating the vehicle under heavy loading conditions, in hilly terrain, traveling into strong head winds, or while towing heavy trailers), use the AutoStick® mode to select a lower gear.

Delayed Shifts in Cold Temperatures

During cold temperature operation, you may notice delayed upshifts depending on engine and transmission temperature as well as vehicle speed. This feature improves warm up time of the engine and transmission to achieve maximum efficiency.

Temporary Transmission Limp Home Mode

The transmission is monitored for abnormal conditions. If a condition is detected that could result in transmission damage, the transmission will engage Limp Home Mode.

If vehicle acceleration worsens, or the transmission no longer shifts, the transmission is most likely operating in the Limp Home Mode. In this mode, the transmission will remain in the current gear until the vehicle is brought to a stop. After the vehicle has stopped, PARK, REVERSE, and NEUTRAL will continue to operate. Second gear will operate in the DRIVE position. The Malfunction Indicator Light (MIL) may be illuminated.

If the problem has been momentary, the transmission can be reset to regain all forward gears. To reset the transmission, use the following procedure:

1. Stop the vehicle.
2. Move the shift lever to the PARK position.
3. Turn OFF the engine.
4. Wait approximately 10 seconds.
5. Restart the engine.
6. Move the shift lever to the desired range. If the problem is no longer detected, the transmission will return to normal operation.

If the transmission cannot be reset, see your authorized dealer.

NOTE: Even if the transmission can be reset, we recommend that you visit your authorized dealer at your earliest possible convenience. Your authorized dealer has diagnostic equipment to determine if the problem could recur.

Have the transmission checked at your authorized dealer as soon as possible.

AUTOSTICK®

AutoStick® is a driver-interactive transmission feature that offers manual gear shifting to provide you with more control of the vehicle. AutoStick® allows you to maximize engine braking, eliminate undesirable upshifts and

downshifts, and improve overall vehicle performance. This system can also provide you with more control during passing, city driving, cold slippery conditions, mountain driving, trailer towing, and many other situations.

Operation

When the shift lever is in the DRIVE position, the transmission will operate automatically, shifting between the five available gears. To engage AutoStick®, simply move the shift lever to the right or left (D+/D-) while in the DRIVE position. When AutoStick® is active, the current transmission gear is displayed in the instrument cluster. In AutoStick® mode, the transmission will only shift up and down when right or left (+/-) is manually selected by the driver, or as described below. It will remain in the selected gear until another upshift or downshift is chosen.

Fully pressing the accelerator pedal while in Autostick® mode will downshift the transmission as needed for maximum acceleration (3.6L Models Only).

The transmission will automatically downshift as the vehicle slows to a stop (to prevent engine lugging) and will display the current gear. Tapping the shift lever to the D+ position (at a stop) will allow starting in second gear. After a stop, the driver should manually upshift (D+) the transmission as the vehicle is accelerated.

To disengage AutoStick® mode, hold the shift lever to the right (D+) for a few seconds. You can shift in or out of the AutoStick® mode at any time without taking your foot off the accelerator pedal.

WARNING!

Do not downshift for additional engine braking on a slippery surface. The drive wheels could lose their grip and the vehicle could skid, causing a collision or personal injury.

ALL-WHEEL DRIVE (AWD) — IF EQUIPPED

This vehicle is equipped with an active on-demand All-Wheel Drive (AWD) system which makes available optimum traction for a wide variety of road surface and driving conditions. The system minimizes wheel slip by automatically redirecting torque to the front and rear wheels as necessary.

To maximize fuel economy, your AWD vehicle automatically defaults to rear-wheel drive (RWD) when road and environmental conditions are such that wheel slip is unlikely to occur. When specific road and environmental conditions require increased levels of road traction, the vehicle automatically shifts into AWD mode. Automatic AWD operation could be activated by outside temperature, wheel slip, or other predetermined conditions (there may be a slight delay for AWD engagement after a wheel slip condition occurs). AWD can also be manually selected by moving the shift lever into the AutoStick® mode (+/-) or activating the windshield wipers for an extended period of time. Drive mode, RWD or AWD, is displayed momentarily in the Electronic Vehicle Information Center (EVIC) in the gage area of the vehicle display when the transmission is first shifted into gear, and if the drive mode changes during vehicle operation.

NOTE: If the "t CASE" or "SERVICE AWD SYSTEM" warning message appears after engine start up, or during driving, it means that the AWD system is not functioning properly and that service is required. Refer to "Electronic Vehicle Information Center (EVIC)" in "Understanding Your Instrument Panel" for further information.

CAUTION!

All wheels must have the same size and type tires. Unequal tire sizes must not be used. Unequal tire size may cause failure of the front differential and/or the transfer case.

DRIVING ON SLIPPERY SURFACES

Acceleration

Rapid acceleration on snow covered, wet, or other slippery surfaces may cause the rear wheels to pull erratically to the right or left. This phenomenon occurs when there is a difference in the surface traction under the rear (driving) wheels.

WARNING!

Rapid acceleration on slippery surfaces is dangerous. Unequal traction can cause sudden pulling of the rear wheels. You could lose control of the vehicle and possibly have a collision. Accelerate slowly and carefully whenever there is likely to be poor traction (ice, snow, wet mud, loose sand, etc.).

Traction

When driving on wet or slushy roads, it is possible for a wedge of water to build up between the tire and road surface. This is known as hydroplaning and may cause partial or complete loss of vehicle control and stopping ability. To reduce this possibility, the following precautions should be observed:

1. Slow down during rainstorms or when the roads are slushy.

2. Slow down if the road has standing water or puddles.

3. Replace tires when tread wear indicators first become visible.

4. Keep tires properly inflated.

5. Maintain sufficient distance between your vehicle and the vehicle in front of you to avoid a collision in a sudden stop.

DRIVING THROUGH WATER

Driving through water more than a few inches/centimeters deep will require extra caution to ensure safety and prevent damage to your vehicle.

Flowing/Rising Water

WARNING!

Do not drive on or across a road or path where water is flowing and/or rising (as in storm run-off). Flowing water can wear away the road or path's surface and cause your vehicle to sink into deeper water. Furthermore, flowing and/or rising water can carry your vehicle away swiftly. Failure to follow this warning may result in injuries that are serious or fatal to you, your passengers, and others around you.

Shallow Standing Water

Although your vehicle is capable of driving through shallow standing water, consider the following Caution and Warning before doing so.

CAUTION!

- **Always check the depth of the standing water before driving through it. Never drive through standing water that is deeper than the bottom of the tire rims mounted on the vehicle.**
- **Determine the condition of the road or the path that is under water and if there are any obstacles in the way before driving through the standing water.**
- **Do not exceed 5 mph (8 km/h) when driving through standing water. This will minimize wave effects.**

(Continued)

CAUTION! (Continued)

- **Driving through standing water may cause damage to your vehicle's drivetrain components. Always inspect your vehicle's fluids (i.e., engine oil, transmission, axle, etc.) for signs of contamination (i.e., fluid that is milky or foamy in appearance) after driving through standing water. Do not continue to operate the vehicle if any fluid appears contaminated, as this may result in further damage. Such damage is not covered by the New Vehicle Limited Warranty.**
- **Getting water inside your vehicle's engine can cause it to lock up and stall out, and cause serious internal damage to the engine. Such damage is not covered by the New Vehicle Limited Warranty.**

WARNING!

- **Driving through standing water limits your vehicle's traction capabilities. Do not exceed 5 mph (8 km/h) when driving through standing water.**
- **Driving through standing water limits your vehicle's braking capabilities, which increases stopping distances. Therefore, after driving through standing water, drive slowly and lightly press on the brake pedal several times to dry the brakes.**
- **Getting water inside your vehicle's engine can cause it to lock up and stall out, and leave you stranded.**
- **Failure to follow these warnings may result in injuries that are serious or fatal to you, your passengers, and others around you.**

POWER STEERING

Your vehicle is equipped with an electro-hydraulic power steering system that will give you good vehicle response and increased ease of maneuverability in tight spaces. The system will vary its assist to provide light efforts while parking and good feel while driving. If the electro-hydraulic power steering system experiences a fault that prevents it from providing power steering assist, then the system will provide mechanical steering capability.

CAUTION!

Extreme steering maneuvers may cause the electrically driven pump to reduce or stop power steering assistance in order to prevent damage to the system. Normal operation will resume once the system is allowed to cool.



If the "SERVICE POWER STEERING SYSTEM" message and a flashing icon are displayed on the EVIC screen, it indicates that the vehicle needs to be taken to the dealer for service. It is likely the vehicle has lost power steering assistance. Refer to "Electronic Vehicle Information (EVIC)" in "Understanding Your Instrument Panel" for further information.

If the "POWER STEERING SYSTEM OVER TEMP" message and an icon are displayed on the EVIC screen, it indicates that extreme steering maneuvers may have occurred, which caused an over temperature condition in the power steering system. You will lose power steering assistance momentarily until the over temperature condition no longer exists. Once driving conditions are safe, then pull over and let vehicle idle for a few moments until the light turns off. Refer to "Electronic Vehicle Information (EVIC)" in "Understanding Your Instrument Panel" for further information.

NOTE:

- Even if power steering assistance is no longer operational, it is still possible to steer the vehicle. Under these conditions there will be a substantial increase in steering effort, especially at very low vehicle speeds and during parking maneuvers.
- If the condition persists, see your authorized dealer for service.

MULTI-DISPLACEMENT SYSTEM (MDS) (IF EQUIPPED) — 5.7L ENGINE ONLY

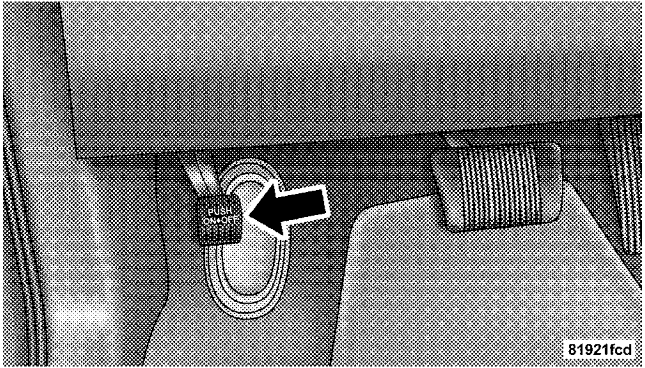
This feature offers improved fuel economy by shutting off four of the engine's eight cylinders during light load and cruise conditions. The system is automatic with no driver inputs or additional driving skills required.

NOTE: The MDS system may take some time to return to full functionality after a battery disconnect.

PARKING BRAKE

Before leaving the vehicle, make sure that the parking brake is fully applied and place the shift lever in the PARK position.

The foot operated parking brake is located below the lower left corner of the instrument panel. To apply the park brake, firmly push the park brake pedal fully. To release the parking brake, press the park brake pedal a second time and let your foot up as you feel the brake disengage.



Parking Brake

When the parking brake is applied with the ignition switch in the ON position, the "Brake Warning Light" in the instrument cluster will illuminate.

NOTE:

- When the parking brake is applied and the transmission is placed in gear, the “Brake Warning Light” will flash. If vehicle speed is detected, a chime will sound to alert the driver. Fully release the parking brake before attempting to move the vehicle.
- This light only shows that the parking brake is applied. It does not show the degree of brake application.

When parking on a hill, it is important to turn the front wheels toward the curb on a downhill grade and away from the curb on an uphill grade. Apply the parking brake before placing the shift lever in PARK, otherwise the load on the transmission locking mechanism may make it difficult to move the shift lever out of PARK. The parking brake should always be applied whenever the driver is not in the vehicle.

WARNING!

- **Never use the PARK position as a substitute for the parking brake. Always apply the parking brake fully when parked to guard against vehicle movement and possible injury or damage.**
- **Never leave children alone in a vehicle. Leaving unattended children in a vehicle is dangerous for a number of reasons. A child or others could be seriously or fatally injured.**
- **Do not leave the key fob in the ignition switch. A child could operate power windows, other controls, or move the vehicle.**
- **Be sure the parking brake is fully disengaged before driving; failure to do so can lead to brake failure and a collision.**

(Continued)

WARNING! (Continued)

- **Always fully apply the parking brake when leaving your vehicle, or it may roll and cause damage or injury. Also be certain to leave the transmission in PARK. Failure to do so may allow the vehicle to roll and cause damage or injury.**

CAUTION!

If the “Brake Warning Light” remains on with the parking brake released, a brake system malfunction is indicated. Have the brake system serviced by an authorized dealer immediately.

ANTI-LOCK BRAKE SYSTEM

The Anti-Lock Brake System (ABS) provides increased vehicle stability and brake performance under most braking conditions. The system automatically “pumps” the brakes during severe braking conditions to prevent wheel lock-up.

The Electronic Brake Force Distribution (EBD) prevents the rear wheels from over-braking and provides greater control of available braking forces applied to the rear axle.

When the vehicle is driven over 7 mph (11 km/h), you may also hear a slight clicking sound as well as some related motor noises. These noises are the system performing its self check cycle to ensure that the ABS is working properly. This self check occurs each time the vehicle is started and accelerated past 7 mph (11 km/h).

ABS is activated during braking under certain road or stopping conditions. ABS-inducing conditions can include ice, snow, gravel, bumps, railroad tracks, loose debris, or panic stops.

You also may experience the following when the brake system goes into Anti-Lock:

- The ABS motor running (it may continue to run for a short time after the stop),
- The clicking sound of solenoid valves,
- Brake pedal pulsations, and
- A slight drop or fall away of the brake pedal at the end of the stop.

These are all normal characteristics of ABS.

WARNING!

- **The ABS contains sophisticated electronic equipment that may be susceptible to interference caused by improperly installed or high output radio transmitting equipment. This interference can cause possible loss of anti-lock braking capability. Installation of such equipment should be performed by qualified professionals.**
- **Pumping of the Anti-Lock Brakes will diminish their effectiveness and may lead to a collision. Pumping makes the stopping distance longer. Just press firmly on your brake pedal when you need to slow down or stop.**

(Continued)

WARNING! (Continued)

- **The ABS cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase braking or steering efficiency beyond that afforded by the condition of the vehicle brakes and tires or the traction afforded.**
- **The ABS cannot prevent collisions, including those resulting from excessive speed in turns, following another vehicle too closely, or hydroplaning.**
- **The capabilities of an ABS equipped vehicle must never be exploited in a reckless or dangerous manner that could jeopardize the user's safety or the safety of others.**

All vehicle wheels and tires must be the same size and type and tires must be properly inflated to produce accurate signals for the computer.

ELECTRONIC BRAKE CONTROL SYSTEM

Your vehicle is equipped with an advanced electronic brake control system that include Anti-Lock Brake System (ABS), Traction Control System (TCS), Brake Assist System (BAS), and the Electronic Stability Control (ESC). All four of these systems work together to enhance vehicle stability and control in various driving conditions.

Anti-Lock Brake System (ABS)

This system aids the driver in maintaining vehicle control under adverse braking conditions by controlling hydraulic brake pressure. This prevents wheel lock-up to help avoid skidding on slippery surfaces during braking. Refer to "Anti-Lock Brake System" in "Starting and Operating" for further information.

WARNING!

The ABS cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase the traction afforded by prevailing road conditions. The ABS cannot prevent collisions, including those resulting from excessive speed in turns, driving on very slippery surfaces, or hydroplaning. The capabilities of an ABS-equipped vehicle must never be exploited in a reckless or dangerous manner that could jeopardize the user's safety or the safety of others.

Traction Control System (TCS)

This system monitors the amount of wheel spin of each driven wheel. If wheel spin is detected, brake pressure is applied to the slipping wheel(s) and engine power is reduced to provide enhanced acceleration and stability.

Brake Assist System (BAS)

This system complements the ABS by optimizing the vehicle braking capability during emergency brake maneuvers. This system detects an emergency braking situation by sensing the rate and amount of brake application and then applies optimum pressure to the brakes. This can help reduce braking distances.

Applying the brakes very quickly results in the best BAS assistance. To receive the benefits of this system, you must apply continuous brake pedal pressure during the stopping sequence. Do not reduce brake pedal pressure unless braking is no longer desired. Once the brake pedal is released, the BAS is deactivated.

WARNING!

The BAS cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase the traction afforded by prevailing road conditions. The BAS cannot prevent collisions, including those resulting from excessive speed in turns, driving on very slippery surfaces, or hydroplaning. The capabilities of a BAS-equipped vehicle must never be exploited in a reckless or dangerous manner that could jeopardize the user's safety or the safety of others.

Electronic Stability Control (ESC)

This system enhances directional control and stability of the vehicle under various driving conditions. The ESC corrects for oversteering and understeering the vehicle by applying the brake of the appropriate wheel. Engine power may also be reduced to assist in counteracting the condition of oversteer or understeer and help the vehicle maintain the desired path.

The ESC uses sensors in the vehicle to determine the path that the driver intends to steer the vehicle and compares it to the actual path of the vehicle. When the actual path does not match the intended path, the ESC applies the brake of the appropriate wheel to assist in counteracting the condition of oversteer or understeer.

- Oversteer - when the vehicle is turning more than appropriate for the steering wheel position.
- Understeer - when the vehicle is turning less than appropriate for the steering wheel position.

ESC Operating Modes

The ESC system has two available operating modes:

ESC On

This is the normal operating mode for the ESC. Whenever the vehicle is started, the ESC system will be in this mode. This mode should be used for most driving conditions. The ESC should only be turned OFF for specific reasons as noted in the following paragraphs.

Partial Off

The “Partial Off” mode is intended for times when a more spirited driving experience is desired. It is also intended for driving in deep snow, sand, or gravel. This mode disables the TCS portion of the ESC and raises the threshold for ESC activation, which allows for more wheel spin than what ESC normally allows.

The “ESC Off” switch is located on the switch bank in the center of the instrument panel. To enter the “Partial Off” mode, momentarily press the “ESC Off” switch and the “ESC Activation/Malfunction Indicator Light” will illuminate. To turn the ESC on again, momentarily press the “ESC Off” switch and the “ESC Activation/Malfunction Indicator Light” will turn off.

NOTE: To improve the vehicle’s traction when driving with snow chains, or when starting off in deep snow, sand, or gravel, it may be desirable to switch to the “Partial Off” mode by momentarily pressing the “ESC Off” switch. Once the situation requiring “Partial Off” mode is overcome, turn the ESC on again by momentarily pressing the “ESC Off” switch. This may be done while the vehicle is in motion.

WARNING!

The Electronic Stability Control (ESC) cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase the traction afforded by prevailing road conditions. ESC cannot prevent accidents, including those resulting from excessive speed in turns, driving on very slippery surfaces, or hydroplaning. Only a safe, attentive, and skillful driver can prevent accidents. The capabilities of an ESC equipped vehicle must never be exploited in a reckless or dangerous manner which could jeopardize the user's safety or the safety of others.

ESC Activation/Malfunction Indicator Light and ESC OFF Indicator Light



The "ESC Activation/Malfunction Indicator Light" in the instrument cluster will come on when the ignition switch is turned to the ON position. It should go out with the engine running. If the "ESC Activation/Malfunction Indicator Light" comes on continuously with the engine running, a malfunction has been detected in the ESC system. If this light remains on after several ignition cycles, and the vehicle has been driven several miles (kilometers) at speeds greater than 30 mph (48 km/h), see your authorized dealer as soon as possible to have the problem diagnosed and corrected.

The "ESC Activation/Malfunction Indicator Light" (located in the instrument cluster) starts to flash as soon as the tires lose traction and the ESC system becomes active. The "ESC Activation/Malfunction Indicator Light" also flashes when TCS is active. If the "ESC Activation/Malfunction Indicator Light" begins to flash during acceleration, ease up on the accelerator and apply as little throttle as possible. Be sure to adapt your speed and driving to the prevailing road conditions.

NOTE:

- The "ESC Activation/Malfunction Indicator Light" and the "ESC OFF Indicator Light" come on momentarily each time the ignition switch is turned ON.
- Each time the ignition is turned ON, the ESC system will be ON even if it was turned off previously.
- The ESC system will make buzzing or clicking sounds when it is active. This is normal; the sounds will stop when ESC becomes inactive following the maneuver that caused the ESC activation.



The "ESC OFF Indicator Light" indicates the Electronic Stability Control (ESC) is off.

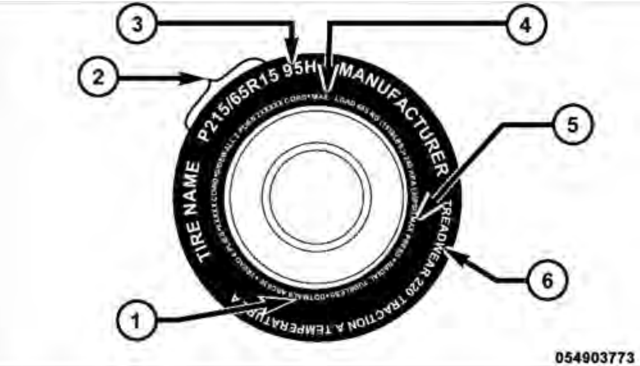
Synchronizing ESC



If the power supply is interrupted (battery disconnected or discharged), the "ESC Activation/Malfunction Indicator Light" may illuminate with the engine running. If this should occur, turn the steering wheel completely to the left and then to the right. The "ESC Activation/Malfunction Indicator Light" should go out. However, if the light remains on, have the ESC and BAS checked at your authorized dealer as soon as possible.

TIRE SAFETY INFORMATION

Tire Markings



1 — U.S. DOT Safety Standards Code (TIN)	4 — Maximum Load
2 — Size Designation	5 — Maximum Pressure
3 — Service Description	6 — Treadwear, Traction and Temperature Grades

NOTE:

- P (Passenger) - Metric tire sizing is based on U.S. design standards. P-Metric tires have the letter “P” molded into the sidewall preceding the size designation. Example: P215/65R15 95H.
- European-Metric tire sizing is based on European design standards. Tires designed to this standard have the tire size molded into the sidewall beginning with the section width. The letter "P" is absent from this tire size designation. Example: 215/65R15 96H.
- LT (Light Truck) - Metric tire sizing is based on U.S. design standards. The size designation for LT-Metric tires is the same as for P-Metric tires except for the letters “LT” that are molded into the sidewall preceding the size designation. Example: LT235/85R16.

- Temporary spare tires are high-pressure compact spares designed for temporary emergency use only. Tires designed to this standard have the letter “T” molded into the sidewall preceding the size designation. Example: T145/80D18 103M.
- High flotation tire sizing is based on U.S. design standards and it begins with the tire diameter molded into the sidewall. Example: 31x10.5 R15 LT.

Tire Sizing Chart

EXAMPLE:
Size Designation:
P = Passenger car tire size based on U.S. design standards **″....blank....″** = Passenger car tire based on European design standards **LT** = Light truck tire based on U.S. design standards **T** = Temporary spare tire **31** = Overall diameter in inches (in)
215 = Section width in millimeters (mm)
65 = Aspect ratio in percent (%) — Ratio of section height to section width of tire **10.5** = Section width in inches (in)
R = Construction code — ″R″ means radial construction —″D″ means diagonal or bias construction

EXAMPLE:
15 = Rim diameter in inches (in)
Service Description:
95 = Load Index — A numerical code associated with the maximum load a tire can carry
H = Speed Symbol — A symbol indicating the range of speeds at which a tire can carry a load corresponding to its load index under certain operating conditions — The maximum speed corresponding to the speed symbol should only be achieved under specified operating conditions (i.e., tire pressure, vehicle loading, road conditions, and posted speed limits)
Load Identification:
″....blank....″ = Absence of any text on the sidewall of the tire indicates a Standard Load (SL) tire
Extra Load (XL) = Extra load (or reinforced) tire
Light Load = Light load tire
C, D, E = Load range associated with the maximum load a tire can carry at a specified pressure
Maximum Load — Maximum load indicates the maximum load this tire is designed to carry
Maximum Pressure — Maximum pressure indicates the maximum permissible cold tire inflation pressure for this tire

Tire Identification Number (TIN)

The TIN may be found on one or both sides of the tire, however, the date code may only be on one side. Tires with white sidewalls will have the full TIN, including the date code, located on the white sidewall side of the tire.

Look for the TIN on the outboard side of black sidewall tires as mounted on the vehicle. If the TIN is not found on the outboard side, then you will find it on the inboard side of the tire.

EXAMPLE:
DOT MA L9 ABCD 0301
DOT = Department of Transportation — This symbol certifies that the tire is in compliance with the U.S. Department of Transportation tire safety standards and is approved for highway use
MA = Code representing the tire manufacturing location (two digits)
L9 = Code representing the tire size (two digits)
ABCD = Code used by the tire manufacturer (one to four digits)
03 = Number representing the week in which the tire was manufactured (two digits) —03 means the 3rd week.
01 = Number representing the year in which the tire was manufactured (two digits) —01 means the year 2001 — Prior to July 2000, tire manufacturers were only required to have one number to represent the year in which the tire was manufactured. Example: 031 could represent the 3rd week of 1981 or 1991

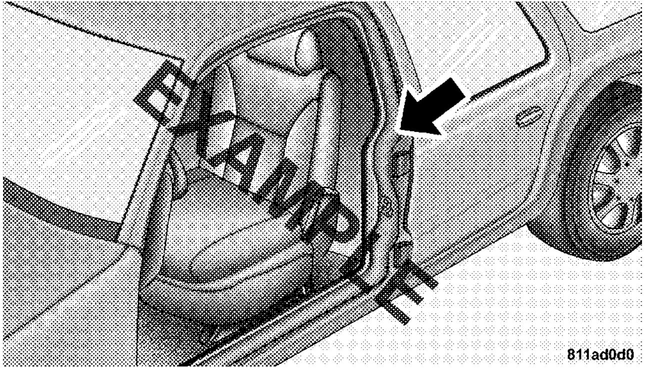
Tire Terminology and Definitions

Term	Definition
B-Pillar	The vehicle B-Pillar is a structural member of the body located between the front and rear door (of a four-door vehicle) running from the sill to the roof.
Cold Tire Pressure	Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least 3 hours, or driven less than 1 mile (1.6 km) after sitting for a three hour period. Inflation pressure is measured in units of PSI (pounds per square inch) or KPa (kilopascals).
Maximum Inflation Pressure	The maximum inflation pressure is the maximum permissible cold tire inflation pressure for this tire. The max inflation pressure is molded into the sidewall.
Recommended Inflation Pressure	Vehicle manufacturer's recommended tire inflation pressure as shown on the tire placard.
Tire Placard	A paper label permanently attached to the vehicle showing the vehicle's loading capacity, the original equipment tire size and the recommended inflation pressure.

Tire Loading And Tire Pressure

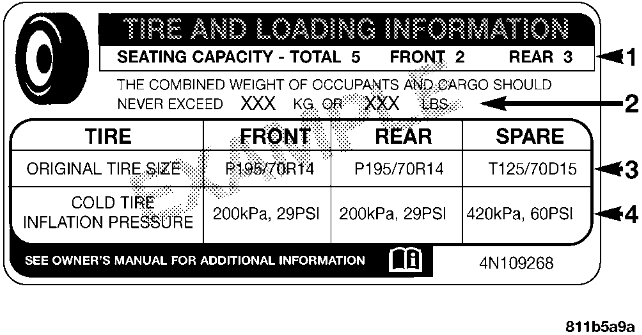
Tire Placard Location

NOTE: The proper cold tire inflation pressure is listed on the driver's side B-Pillar.



Tire Placard Location

Tire and Loading Information Placard



Tire and Loading Information Placard

This placard tells you important information about the:

1) number of people that can be carried in the vehicle

2) total weight your vehicle can carry

3) tire size designed for your vehicle

4) cold tire inflation pressures for the front, rear, and spare tires.

Loading

The vehicle maximum load on the tire must not exceed the load carrying capacity of the tire on your vehicle. You will not exceed the tire's load carrying capacity if you adhere to the loading conditions, tire size, and cold tire inflation pressures specified on the Tire and Loading Information placard and in the "Vehicle Loading" section of this manual.

NOTE: Under a maximum loaded vehicle condition, gross axle weight ratings (GAWRs) for the front and rear axles must not be exceeded. For further information on GAWRs, vehicle loading, and trailer towing, refer to "Vehicle Loading" in this section.

To determine the maximum loading conditions of your vehicle, locate the statement "The combined weight of occupants and cargo should never exceed XXX lbs or XXX kg" on the Tire and Loading Information placard. The combined weight of occupants, cargo/luggage and trailer tongue weight (if applicable) should never exceed the weight referenced here.

Steps For Determining Correct Load Limit

1. Locate the statement "The combined weight of occupants and cargo should never exceed XXX lbs or XXX kg" on your vehicle's placard.

2. Determine the combined weight of the driver and passengers that will be riding in your vehicle.

3. Subtract the combined weight of the driver and passengers from XXX lbs or XXX kg.

4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if "XXX" amount equals 1,400 lbs (635 kg) and there will be five 150 lb (68 kg) passengers in your vehicle, the amount of

available cargo and luggage load capacity is 650 lbs (295 kg) (since 5 x 150 = 750, and 1400 – 750 = 650 lbs [295 kg]).

5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

6. If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

NOTE:

- The following table shows examples on how to calculate total load, cargo/luggage, and towing capacities of your vehicle with varying seating configurations and number and size of occupants. This table is for illustration purposes only and may not be accurate for the seating and load carry capacity of your vehicle.
- For the following example, the combined weight of occupants and cargo should never exceed 865 lbs (392 kg).

Occupants: TOTAL	Occupants: FRONT	Occupants: REAR	Combined weight of occupants and cargo from Tire Placard	MINUS	Combined Occupant's weight	=	AVAILABLE Cargo/Luggage and Trailer Tongue Weight
EXAMPLE 1							
5	2	3			Occupant 1: 200 lbs Occupant 2: 130 lbs Occupant 3: 160 lbs Occupant 4: 100 lbs Occupant 5: 80 lbs TOTAL WEIGHT: 670 lbs		
			865 lbs	minus	670 lbs	=	195 lbs
EXAMPLE 2							
3	2	1			Occupant 1: 210 lbs Occupant 2: 180 lbs Occupant 3: 150 lbs TOTAL WEIGHT: 540 lbs		
			865 lbs	minus	540 lbs	=	325 lbs
EXAMPLE 3							
2	2	0			Occupant 1: 200 lbs Occupant 2: 200 lbs TOTAL WEIGHT: 400 lbs		
			865 lbs	minus	400 lbs	=	465 lbs

811a4d11

WARNING!

Overloading of your tires is dangerous. Overloading can cause tire failure, affect vehicle handling, and increase your stopping distance. Use tires of the recommended load capacity for your vehicle. Never overload them.

TIRES — GENERAL INFORMATION

Tire Pressure

Proper tire inflation pressure is essential to the safe and satisfactory operation of your vehicle. Three primary areas are affected by improper tire pressure:

Safety

WARNING!

- **Improperly inflated tires are dangerous and can cause collisions.**
- **Under-inflation increases tire flexing and can result in tire over-heating and failure.**
- **Over-inflation reduces a tire's ability to cushion shock. Objects on the road and chuckholes can cause damage that result in tire failure.**
- **Unequal tire pressures can cause steering problems. You could lose control of your vehicle.**
- **Over-inflated or under-inflated tires can affect vehicle handling and can fail suddenly, resulting in loss of vehicle control.**

(Continued)

WARNING! (Continued)

- **Unequal tire pressures from one side of the vehicle to the other can cause the vehicle to drift to the right or left.**
- **Always drive with each tire inflated to the recommended cold tire inflation pressure.**

Economy

Improper inflation pressures can cause uneven wear patterns to develop across the tire tread. These abnormal wear patterns will reduce tread life resulting in a need for earlier tire replacement. Under-inflation also increases tire rolling resistance and results in higher fuel consumption.

Ride Comfort and Vehicle Stability

Proper tire inflation contributes to a comfortable ride. Over-inflation produces a jarring and uncomfortable ride.

Tire Inflation Pressures

The proper cold tire inflation pressure is listed on the driver's side "B" Pillar.

Some vehicles may have Supplemental Tire Pressure Information for vehicle loads that are less than the maximum loaded vehicle condition. These pressure conditions will be found in the "Supplemental Tire Pressure Information" section of this manual.

The pressure should be checked and adjusted as well as inspecting for signs of tire wear or visible damage at least once a month. Use a good quality pocket-type gauge to check tire pressure. Do not make a visual judgement when determining proper inflation. Radial tires may look properly inflated even when they are under-inflated.

CAUTION!

After inspecting or adjusting the tire pressure, always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage the valve stem.

Inflation pressures specified on the placard are always "cold tire inflation pressure." Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after a three hour period. The cold tire inflation pressure must not exceed the maximum inflation pressure molded into the tire sidewall.

Check tire pressures more often if subject to a wide range of outdoor temperatures, as tire pressures vary with temperature changes.

Tire pressures change by approximately 1 psi (7 kPa) per 12°F (7°C) of air temperature change. Keep this in mind when checking tire pressure inside a garage, especially in the Winter.

Example: If garage temperature = 68°F (20°C) and the outside temperature = 32°F (0°C) then the cold tire inflation pressure should be increased by 3 psi (21 kPa), which equals 1 psi (7 kPa) for every 12°F (7°C) for this outside temperature condition.

Tire pressure may increase from 2 to 6 psi (13 to 40 kPa) during operation. DO NOT reduce this normal pressure build up or your tire pressure will be too low.

Tire Pressures For High Speed Operation

The manufacturer advocates driving at safe speeds within posted speed limits. Where speed limits or conditions are such that the vehicle can be driven at high speeds, maintaining correct tire inflation pressure is very important. Increased tire pressure and reduced vehicle

loading may be required for high-speed vehicle operation. Refer to original equipment or an authorized tire dealer for recommended safe operating speeds, loading and cold tire inflation pressures.

WARNING!

High speed driving with your vehicle under maximum load is dangerous. The added strain on your tires could cause them to fail. You could have a serious collision. Do not drive a vehicle loaded to the maximum capacity at continuous speeds above 75 mph (120 km/h).

Radial Ply Tires

WARNING!

Combining radial ply tires with other types of tires on your vehicle will cause your vehicle to handle poorly. The instability could cause a collision. Always use radial ply tires in sets of four. Never combine them with other types of tires.

Cuts and punctures in radial tires are repairable only in the tread area because of sidewall flexing. Consult your authorized tire dealer for radial tire repairs.

Spare Tire Matching Original Equipped Tire and Wheel – If Equipped

The spare tire of your vehicle is equivalent in look and function as the original equipment tire and wheel found on the front or rear axle of your vehicle. This spare tire may be used in the tire rotation for your vehicle. If your

vehicle has an option for a spare tire matching original equipment tire and wheel, refer to the recommended tire rotation pattern in “Tire Rotation Recommendations” in “Starting and Operating” for further information.

If your vehicle is not equipped with an original equipment tire and wheel as a spare, a non-matching temporary emergency use spare may be equipped with your vehicle. Temporary use spares are engineered to be used only with your vehicle. Your vehicle may be equipped with one of the following types of non-matching temporary use spares; compact, full size, or limited-use.

Do not install more than one non-matching temporary use spare tire/wheel on the vehicle at any given time.

CAUTION!

Because of the reduced ground clearance, do not take your vehicle through an automatic car wash with a compact, full size or limited-use temporary spare installed. Damage to the vehicle may result.

Compact Spare Tire – If Equipped

The compact spare is for temporary emergency use only. You can identify if your vehicle is equipped with a compact spare by looking at the spare tire description on the Tire and Loading Information Placard located on the driver’s side door opening or on the sidewall of the tire. Compact spare tire descriptions begin with the letter “T” or “S” preceding the size designation. Example: T145/80D18 103M.

T, S = Temporary Spare Tire

Since this tire has limited tread life the original equipment tire should be repaired (or replaced) and reinstalled on your vehicle at the first opportunity.

Do not install a wheel cover or attempt to mount a conventional tire on the compact spare wheel, since the wheel is designed specifically for the compact spare. Do not install more than one compact spare tire/wheel on the vehicle at any given time

WARNING!

Compact spares are for temporary emergency use only. With these spares, do not drive more than 50 mph (80 km/h). Temporary use spares have limited tread life. When the tread is worn to the tread wear indicators, the temporary use spare tire needs to be replaced. Be sure to follow the warnings, which apply to your spare. Failure to do so could result in spare tire failure and loss of vehicle control.

Full Size Spare – If Equipped

The full size spare is for temporary emergency use only. This tire may look like the original equipped tire on the front or rear axle of your vehicle, but it is not. This spare tire may have limited tread life. When the tread is worn to the tread wear indicators, the temporary use full size spare tire needs to be replaced. Since it is not the same as your original equipment tire, replace (or repair) the original equipment tire and reinstall on the vehicle at the first opportunity.

Limited-Use Spare – If Equipped

The limited-use spare tire is for temporary emergency use only. This tire is identified by a label located on the limited-use spare wheel. This label contains the driving limitations for this spare. This tire may look like the original equipped tire on the front or rear axle of your vehicle, but it is not. Installation of this limited-use spare tire affects vehicle handling. Since it is not the same as

your original equipment tire, replace (or repair) the original equipment tire and reinstall on the vehicle at the first opportunity.

WARNING!

Limited-use spares are for emergency use only. Installation of this limited-use spare tire affects vehicle handling. With this tire, do not drive more than the speed listed on the limit-use spare wheel. Keep inflated to the cold tire inflation pressure listed on your Tire and Loading Information Placard located on the driver's side door opening. Replace (or repair) the original equipment tire at the first opportunity and reinstall it on your vehicle. Failure to do so could result in loss of vehicle control.

Tire Spinning

When stuck in mud, sand, snow, or ice conditions, do not spin your vehicle's wheels faster than 30 mph (48 km/h) or for longer than 30 seconds continuously without stopping when you are stuck.

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause tire damage or failure. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) or for more than 30 seconds continuously when you are stuck, and do not let anyone near a spinning wheel, no matter what the speed.

Tread Wear Indicators

Tread wear indicators are in the original equipment tires to help you in determining when your tires should be replaced.



1 — Worn Tire
2 — New Tire

These indicators are molded into the bottom of the tread grooves. They will appear as bands when the tread depth becomes 1/16 in (2 mm). When the tread is worn to the tread wear indicators, the tire should be replaced.

Life Of Tire

The service life of a tire is dependent upon varying factors including, but not limited to:

- Driving style
- Tire pressure
- Distance driven

WARNING!

Tires and the spare tire should be replaced after six years, regardless of the remaining tread. Failure to follow this warning can result in sudden tire failure. You could lose control and have a collision resulting in serious injury or death.

Keep dismounted tires in a cool, dry place with as little exposure to light as possible. Protect tires from contact with oil, grease, and gasoline.

Replacement Tires

The tires on your new vehicle provide a balance of many characteristics. They should be inspected regularly for wear and correct cold tire inflation pressure. The manufacturer strongly recommends that you use tires equivalent to the originals in size, quality and performance when replacement is needed. (Refer to the paragraph on “Tread Wear Indicators”). Refer to the “Tire and Loading Information” placard for the size designation of your tire. The service description and load identification will be found on the original equipment tire. Failure to use equivalent replacement tires may adversely affect the safety, handling, and ride of your vehicle. We recommend that you contact your original equipment or an authorized tire dealer with any questions you may have on tire specifications or capability.

WARNING!

- **Do not use a tire, wheel size or rating other than that specified for your vehicle. Some combinations of unapproved tires and wheels may change suspension dimensions and performance characteristics, resulting in changes to steering, handling, and braking of your vehicle. This can cause unpredictable handling and stress to steering and suspension components. You could lose control and have a collision resulting in serious injury or death. Use only the tire and wheel sizes with load ratings approved for your vehicle.**
- **Never use a tire with a smaller load index or capacity, other than what was originally equipped on your vehicle. Using a tire with a smaller load index could result in tire overloading and failure. You could lose control and have a collision.**

(Continued)

WARNING! (Continued)

- **Failure to equip your vehicle with tires having adequate speed capability can result in sudden tire failure and loss of vehicle control.**

CAUTION!

Replacing original tires with tires of a different size may result in false speedometer and odometer readings.

TIRE CHAINS

Use only compact chains or other traction aids that meet SAE type “Class S” specifications. Chains must be the proper size for the vehicle, as recommended by the chain manufacturer. Install tire chains only on P215/65R17 and P225/60R18 size tires. Refer to tirechains.com for more information.

NOTE: Do not use tire chains on a compact spare tire.

CAUTION!

To avoid damage to your vehicle or tires, observe the following precautions:

- **Because of restricted chain clearance between tires and other suspension components, it is important that only chains in good condition are used. Broken chains can cause serious damage. Stop the vehicle immediately if noise occurs that could indicate chain breakage. Remove the damaged parts of the chain before further use.**
- **Install chains on the rear wheels as tightly as possible and then retighten after driving about ½ mile (0.8 km).**
- **Do not exceed 30 mph (48 km/h).**
- **Drive cautiously and avoid severe turns and large bumps, especially with a loaded vehicle.**
- **Use on rear wheels only.**
- **Do not drive for prolonged period on dry pavement.**
- **Observe the tire chain manufacturer's instructions on the method of installation, operating speed, and conditions for use. Always use the lower suggested operating speed of the chain manufacturer if different from the speed recommended by the manufacture.**

NOTE: In order to avoid damage to tires, chains, and your vehicle do not drive for a prolonged period on dry pavement. Observe the tire chain manufacturer's instructions on method of installation, operating speed, and conditions for usage.

Always use the lower suggested operating speed if both the chain manufacturer and vehicle manufacturer suggest a maximum speed. This notice applies to all chain traction devices, including link and cable (radial) chains.

SNOW TIRES

Some areas of the country require the use of snow tires during the winter. All season tires satisfy this requirement and can be identified by the M+S designation on the tire sidewall.

If you need snow tires, select tires equivalent in size and type to the original equipment tires. Use snow tires only in sets of four. Failure to do so may adversely affect the safety and handling of your vehicle.

Snow tires generally have lower speed ratings than what was originally equipped with your vehicle and should not be operated at sustained speeds over 75 mph (120 km/h). For speeds above 75 mph (120 km/h) refer to original equipment or an authorized tire dealer for recommended safe operating speeds, loading and cold tire inflation pressures.

While studded tires improve performance on ice, skid and traction capability on wet or dry surfaces may be poorer than that of non-studded tires. Some states prohibit studded tires; therefore, local laws should be checked before using these tire types.

TIRE ROTATION RECOMMENDATIONS

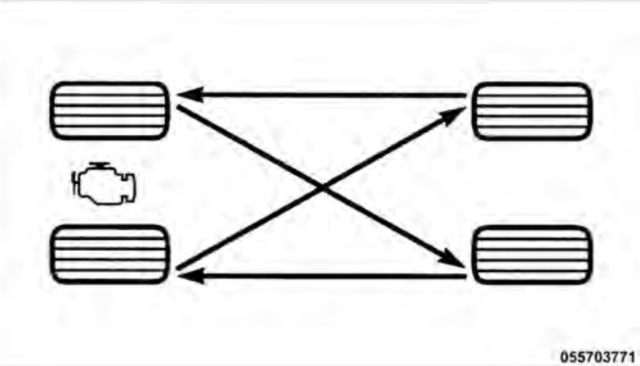
Tires on the front and rear axles of vehicles operate at different loads and perform different steering, driving, and braking functions. For these reasons, they wear at unequal rates.

These effects can be reduced by timely rotation of tires. The benefits of rotation are especially worthwhile with aggressive tread designs such as those on all season type

tires. Rotation will increase tread life, help to maintain mud, snow and wet traction levels, and contribute to a smooth, quiet ride.

Refer to the “Maintenance Schedule” for the proper maintenance intervals. The reasons for any rapid or unusual wear should be corrected prior to rotation being performed.

The suggested rotation method is the “forward cross” shown in the following diagram. This rotation pattern does not apply to some directional tires that must not be reversed.



Tire Rotation

TIRE PRESSURE MONITOR SYSTEM (TPMS)

The Tire Pressure Monitor System (TPMS) will warn the driver of a low tire pressure based on the vehicle recommended cold placard pressure.

The tire pressure will vary with temperature by about 1 psi (6.9 kPa) for every 12°F (–11°C). This means that when the outside temperature decreases, the tire pressure will decrease. Tire pressure should always be set based on cold inflation tire pressure. This is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after a three hour period. The cold tire inflation pressure must not exceed the maximum inflation pressure molded into the tire sidewall. Refer to “Tires – General Information” in “Starting and Operating” for information on how to properly inflate the vehicle’s tires. The tire pressure will also increase as the vehicle is driven - this is normal and there should be no adjustment for this increased pressure.

The TPMS will warn the driver of a low tire pressure if the tire pressure falls below the low-pressure warning limit for any reason, including low temperature effects and natural pressure loss through the tire.

The TPMS will continue to warn the driver of low tire pressure as long as the condition exists, and will not turn off until the tire pressure is at or above the recommended cold placard pressure. Once the low tire pressure warning (Tire Pressure Monitoring [TPM] Telltale Light) illuminates, you must increase the tire pressure to the recommended cold placard pressure in order for the TPM Telltale Light to turn off. The system will automatically update and the TPM Telltale Light will turn off once the system receives the updated tire pressures. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

For example, your vehicle may have a recommended cold (parked for more than three hours) placard pressure of 30 psi (207 kPa). If the ambient temperature is 68°F (20°C) and the measured tire pressure is 27 psi (186 kPa), a temperature drop to 20°F (-7°C) will decrease the tire pressure to approximately 23 psi (158 kPa). This tire pressure is sufficiently low enough to turn ON the TPM Telltale Light. Driving the vehicle may cause the tire pressure to rise to approximately 27 psi (186 kPa), but the TPM Telltale Light will still be ON. In this situation, the TPM Telltale Light will turn OFF only after the tires are inflated to the vehicle's recommended cold placard pressure value.

CAUTION!

- **The TPMS has been optimized for the original equipment tires and wheels. TPMS pressures and warning have been established for the tire size equipped on your vehicle. Undesirable system operation or sensor damage may result when using replacement equipment that is not of the same size, type, and/or style. Aftermarket wheels can cause sensor damage. Do not use aftermarket tire sealants or balance beads if your vehicle is equipped with a TPMS, as damage to the sensors may result.**
- **After inspecting or adjusting the tire pressure, always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage the TPM sensor.**

NOTE:

- The TPMS is not intended to replace normal tire care and maintenance or to provide warning of a tire failure or condition.
- The TPMS should not be used as a tire pressure gauge while adjusting your tire pressure.
- Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.
- The TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure using an accurate tire pressure gauge, even if under-inflation has not reached the level to trigger illumination of the TPM Telltale Light.
- Seasonal temperature changes will affect tire pressure, and the TPMS will monitor the actual tire pressure in the tire.

Base System

The Tire Pressure Monitor System (TPMS) uses wireless technology with wheel rim mounted electronic sensors to monitor tire pressure levels. Sensors mounted to each wheel as part of the valve stem transmit tire pressure readings to the receiver module.

NOTE: It is particularly important for you to check the tire pressure in all of the tires on your vehicle monthly and to maintain the proper pressure.

The TPMS consists of the following components:

- Receiver module,
- Four TPM sensors, and
- TPM Telltale Light

The matching full size spare wheel and tire assembly (if equipped) has a TPM sensor. The matching full size spare can be used in place of any of the four road tires. The TPMS will only monitor the pressure in the full size spare when it is used in place of a road tire. Otherwise, a spare with a pressure below the low-pressure limit will not cause the TPM Telltale Light to illuminate or the chime to sound.

Tire Pressure Monitoring Low Pressure Warnings



The TPM Telltale Light will illuminate in the instrument cluster, a ″LOW TIRE″ message will be displayed and a chime will sound when tire pressure is low in one or more of the four active road tires. Should this occur, you should stop as soon as possible, check the inflation pressure of each tire on your vehicle, and inflate each tire to the vehicle’s recommended cold placard pressure value. Once the system receives the updated tire pressures, the system will automatically update and the TPM Telltale Light and ″LOW TIRE″ message will turn off. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

Service TPMS Warning

If a system fault is detected, the TPM Telltale Light will flash on and off for 75 seconds and then remain on solid. The system fault will also sound a chime. If the ignition switch is cycled, this sequence will repeat, providing the system fault still exists. The TPM Telltale Light will turn off when the fault condition no longer exists. A system fault can occur due to any of the following:

1. Signal interference due to electronic devices or driving next to facilities emitting the same radio frequencies as the TPM sensors.

2. Installing aftermarket window tinting that contains materials that may block radio wave signals.

3. Accumulation of snow or ice around the wheels or wheel housings.

4. Using tire chains on the vehicle.

5. Using wheels/tires not equipped with TPM sensors.

Vehicles with Full Size Spare

1. The matching full size spare wheel and tire assembly has a TPM sensor that can be monitored by the TPMS.

2. If you install the full size spare in place of a road tire that has a pressure below the low-pressure warning limit, upon the next ignition switch cycle, a chime will sound and the TPM Telltale Light and ″LOW TIRE″ message will turn ON.

3. Driving the vehicle for up to 20 minutes above 15 mph (24 km/h) will turn off the TPM Telltale Light and ″LOW TIRE″ message as long as no tire pressure is below the low-pressure warning limit in any of the four active road tires.

Vehicles with Compact Spare

1. The compact spare tire does not have a TPM sensor. Therefore, the TPMS will not monitor the pressure in the compact spare tire.

2. If you install the compact spare tire in place of a road tire that has a pressure below the low-pressure warning limit, upon the next ignition switch cycle, a chime will sound and the TPM Telltale Light and ″LOW TIRE″ message will turn ON.

3. After driving the vehicle for up to 20 minutes above 15 mph (24 km/h), the ″LOW TIRE″ message will turn off and the TPM Telltale Light will flash on and off for 75 seconds and then remain on solid.

4. For each subsequent ignition switch cycle, a chime will sound and the TPM Telltale Light will flash on and off for 75 seconds and then remain on solid.

5. Once you repair or replace the original road tire, and reinstall it on the vehicle in place of the compact spare, the TPMS will update automatically and the TPM Telltale Light will turn OFF, as long as no tire pressure is below the low-pressure warning limit in any of the four active road tires. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

Premium System – If Equipped

The Tire Pressure Monitor System (TPMS) uses wireless technology with wheel rim mounted electronic sensors to monitor tire pressure levels. Sensors mounted to each wheel as part of the valve stem transmit tire pressure readings to the receiver module.

NOTE: It is particularly important for you to check the tire pressure in all of the tires on your vehicle monthly and to maintain the proper pressure.

The TPMS consists of the following components:

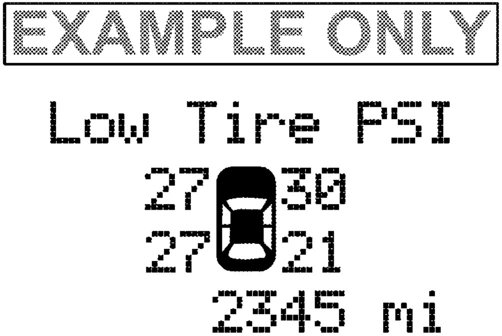
- Receiver module,
- Four TPM sensors,
- Various TPMS messages, which display in the Electronic Vehicle Information Center (EVIC), and
- TPM Telltale Light

The matching full size spare wheel and tire assembly (if equipped) has a TPM sensor. The full size spare can be used in place of any of the four road tires. A spare with a pressure below the low-pressure limit will not cause the TPM Telltale Light to illuminate or the chime to sound.

Tire Pressure Monitoring Low Pressure Warnings



The TPM Telltale Light will illuminate in the instrument cluster and a chime will sound when tire pressure is low in one or more of the four active road tires. In addition, the EVIC will display a ″LOW TIRE″ message and a graphic showing the pressure values of each tire with the low tire pressure values flashing.



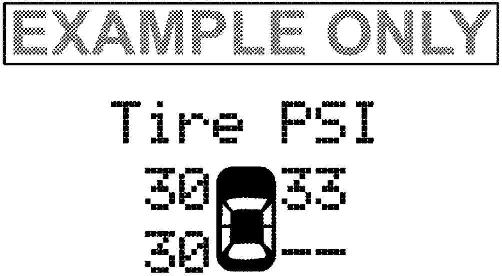
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Should this occur, you should stop as soon as possible and inflate the tires with a low pressure condition (those flashing in the EVIC graphic) to the vehicle's recommended cold placard pressure inflation value. Once the system receives the updated tire pressures, the system will automatically update, the graphic display in the EVIC will stop flashing, and the TPM Telltale Light will

turn off. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

Service TPMS Warning

If a system fault is detected, the TPM Telltale Light will flash on and off for 75 seconds and then remain on solid. The system fault will also sound a chime. In addition, the EVIC will display a ″SERVICE TPM SYSTEM″ message for a minimum of five seconds and then display dashes (--) in place of the pressure value to indicate which sensor is not being received.



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If the ignition switch is cycled, this sequence will repeat, providing the system fault still exists. If the system fault no longer exists, the TPM Telltale Light will no longer flash, and the ″SERVICE TPM SYSTEM″ message will no longer display, and a pressure value will display in place of the dashes. A system fault can occur due to any of the following:

1. Signal interference due to electronic devices or driving next to facilities emitting the same radio frequencies as the TPM sensors.

2. Installing aftermarket window tinting that contains materials that may block radio wave signals.

3. Accumulation of snow or ice around the wheels or wheel housings.

4. Using tire chains on the vehicle.

5. Using wheels/tires not equipped with TPM sensors.

The EVIC will also display a ″SERVICE TPM SYSTEM″ message for a minimum of five seconds when a system fault related to an incorrect sensor location fault is detected. In this case, the ″SERVICE TPM SYSTEM″ message is then followed with a graphic display with pressure values still shown. This indicates that the pressure values are still being received from the TPM sensors but they may not be located in the correct vehicle position. The system still needs to be serviced as long as the ″SERVICE TPM SYSTEM″ message is displayed.

Vehicles with Full Size Spare

1. The matching full size spare wheel and tire assembly has a TPM sensor that can be monitored by the TPMS.

2. If you install the full size spare in place of a road tire that has a pressure below the low-pressure warning limit, upon the next ignition switch cycle, a chime will sound and the TPM Telltale Light will turn ON. In addition, the EVIC will display a low pressure message and a graphic showing the low tire pressure value flashing.

3. After driving the vehicle for up to 20 minutes above 15 mph (24 km/h) the TPM Telltale Light will turn OFF, as long as no tire pressure is below the low-pressure warning limit in any of the four active road tires.

Vehicles with Compact Spare

1. The compact spare tire does not have a TPM sensor. Therefore, the TPMS will not monitor the pressure in the compact spare tire.

2. If you install the compact spare tire in place of a road tire that has a pressure below the low-pressure warning limit, upon the next ignition switch cycle, the TPM Telltale Light will remain ON and a chime will sound. In addition, the graphic in the EVIC will still display a flashing pressure value.

3. After driving the vehicle for up to 20 minutes above 15 mph (24 km/h), the TPM Telltale Light will flash on and off for 75 seconds and then remain on solid. In addition, the EVIC will display a ″SERVICE TPM SYSTEM″ message for a minimum of five seconds and then display dashes (- -) in place of the pressure value.

4. For each subsequent ignition switch cycle, a chime will sound, the TPM Telltale Light will flash on and off for 75 seconds and then remain on solid, and the EVIC will display a ″SERVICE TPM SYSTEM″ message for a minimum of five seconds and then display dashes (- -) in place of the pressure value.

5. Once you repair or replace the original road tire and reinstall it on the vehicle in place of the compact spare, the TPMS will update automatically. In addition, the TPM Telltale Light will turn OFF and the graphic in the EVIC will display a new pressure value instead of dashes (- -), as long as no tire pressure is below the low-pressure warning limit in any of the four active road tires. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

General Information

This device complies with Part 15 of the FCC rules and RSS 210 of Industry Canada. Operation is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

The TPM sensors are regulated under one of the following licenses:

United States MRXC4W4MA4
Canada 2546A-C4W4MA4

FUEL REQUIREMENTS

3.6L Engine – If Equipped



800dfab6

This engine is designed to meet all emissions regulations and provide excellent fuel economy and performance when using high-quality unleaded “regular” gasoline having an octane rating of 87. The use of premium gasoline is not recommended, as it will not provide any benefit over regular gasoline in these engines.

5.7L Engine – If Equipped



800dfab7

This engine is designed to meet all emissions regulations and provide satisfactory fuel economy and performance when using high-quality unleaded gasoline having an octane range of 87 to 89. The manufacturer recommends the use of 89 octane for

optimum performance. The use of premium gasoline is not recommended, as it will not provide any benefit over regular gasoline in these engines.

Light spark knock at low engine speeds is not harmful to your engine. However, continued heavy spark knock at high speeds can cause damage and immediate service is required. Poor quality gasoline can cause problems such as hard starting, stalling, and hesitations. If you experience these symptoms, try another brand of gasoline before considering service for the vehicle.

Over 40 auto manufacturers worldwide have issued and endorsed consistent gasoline specifications (the Worldwide Fuel Charter, WWFC) which define fuel properties necessary to deliver enhanced emissions, performance, and durability for your vehicle. The manufacturer recommends the use of gasolines that meet the WWFC specifications if they are available.

Reformulated Gasoline

Many areas of the country require the use of cleaner burning gasoline referred to as “Reformulated Gasoline.” Reformulated gasoline contains oxygenates and are specifically blended to reduce vehicle emissions and improve air quality.

The manufacturer supports the use of reformulated gasoline. Properly blended reformulated gasoline will provide excellent performance and durability of engine and fuel system components.

Gasoline/Oxygenate Blends

Some fuel suppliers blend unleaded gasoline with oxygenates such as Ethanol. Fuels blended with oxygenates may be used in your vehicle.

CAUTION!

DO NOT use gasoline containing Methanol or gasoline containing more than 10% Ethanol. Use of these blends may result in starting and driveability problems, damage critical fuel system components, cause emissions to exceed the applicable standard, and/or cause the "Malfunction Indicator Light" to illuminate. Pump labels should clearly communicate if a fuel contains greater than 10% Ethanol.

Problems that result from using gasoline containing Methanol or gasoline containing more than 10% Ethanol are not the responsibility of the manufacturer and may not be covered under warranty.

E-85 Usage In Non-Flex Fuel Vehicles

Non-FFV vehicles are compatible with gasoline containing 10% ethanol (E10). Gasoline with higher ethanol content may void the vehicle's warranty.

If a Non-FFV vehicle is inadvertently fueled with E-85 fuel, the engine will have some or all of these symptoms:

- operate in a lean mode
- OBD II "Malfunction Indicator Light" on
- poor engine performance
- poor cold start and cold driveability
- increased risk for fuel system component corrosion

To fix a Non-FFV vehicle inadvertently fueled once with E-85 perform the following:

- change the engine oil and oil filter
- disconnect and reconnect the battery
- drain the fuel tank (see your authorized dealer)

More extensive repairs will be required for prolonged exposure to E-85 fuel.

MMT In Gasoline

MMT is a manganese-containing metallic additive that is blended into some gasoline to increase octane. Gasoline blended with MMT provides no performance advantage beyond gasoline of the same octane number without MMT. Gasoline blended with MMT reduces spark plug life and reduces emissions system performance in some vehicles. The manufacturer recommends that gasoline without MMT be used in your vehicle. The MMT content of gasoline may not be indicated on the gasoline pump, therefore, you should ask your gasoline retailer whether the gasoline contains MMT. It is even more important to look for gasoline without MMT in Canada, because MMT can be used at levels higher than those allowed in the United States. MMT is prohibited in Federal and California reformulated gasoline.

Materials Added to Fuel

All gasoline sold in the United States is required to contain effective detergent additives. Use of additional detergents or other additives is not needed under normal conditions and they would result in additional cost. Therefore, you should not have to add anything to the fuel.

Fuel System Cautions

CAUTION!

Follow these guidelines to maintain your vehicle's performance:

- **The use of leaded gas is prohibited by Federal law. Using leaded gasoline can impair engine performance and damage the emissions control system.**

(Continued)

CAUTION! (Continued)

- **An out-of-tune engine or certain fuel or ignition malfunctions can cause the catalytic converter to overheat. If you notice a pungent burning odor or some light smoke, your engine may be out of tune or malfunctioning and may require immediate service. Contact your authorized dealer for service assistance.**
- **The use of fuel additives, which are now being sold as octane enhancers, is not recommended. Most of these products contain high concentrations of methanol. Fuel system damage or vehicle performance problems resulting from the use of such fuels or additives is not the responsibility of the manufacturer.**

NOTE: Intentional tampering with the emissions control system can result in civil penalties being assessed against you.

Carbon Monoxide Warnings

WARNING!

Carbon monoxide (CO) in exhaust gases is deadly. Follow the precautions below to prevent carbon monoxide poisoning:

- **Do not inhale exhaust gases. They contain carbon monoxide, a colorless and odorless gas, which can kill. Never run the engine in a closed area, such as a garage, and never sit in a parked vehicle with the engine running for an extended period. If the vehicle is stopped in an open area with the engine running for more than a short period, adjust the ventilation system to force fresh, outside air into the vehicle.**

(Continued)

WARNING! (Continued)

- **Guard against carbon monoxide with proper maintenance. Have the exhaust system inspected every time the vehicle is raised. Have any abnormal conditions repaired promptly. Until repaired, drive with all side windows fully open.**

FLEXIBLE FUEL (3.6L ENGINE ONLY) — IF EQUIPPED

E-85 General Information

The information in this section is for Flexible Fuel vehicles only. These vehicles can be identified by a unique fuel filler door label that states **Ethanol (E-85) or Unleaded Gasoline Only.** This section only covers those subjects that are unique to these vehicles. Please refer to the other sections of this manual for information on features that are common between Flexible Fuel and gasoline-only powered vehicles.

CAUTION!

Only vehicles with the E-85 fuel filler door label can operate on E-85.



E-85 Badge

Ethanol Fuel (E-85)

E-85 is a mixture of approximately 85% fuel ethanol and 15% unleaded gasoline.

WARNING!

Ethanol vapors are extremely flammable and could cause serious personal injury. Never have any smoking materials lit in or near the vehicle when filling the tank. Do not use E-85 as a cleaning agent and never use it near an open flame.

Fuel Requirements

If your vehicle is E-85 compatible, it will operate on unleaded gasoline with an octane rating of 87, or E-85 fuel, or any mixture of these two fuels.

For best results, a refueling pattern that avoids alternating between E-85 and unleaded gasoline is recommended.

When you do switch fuel types it is recommended that:

- you do not add less than 5 gal (19 L) when refueling
- you drive the vehicle immediately after refueling for at least 5 miles (8 km)

Observing these precautions will avoid possible hard starting and/or significant deterioration in driveability during warm up.

NOTE:

- Use seasonally adjusted E-85 fuel (ASTM D5798). With non-seasonally adjusted E-85 fuel, you may experience hard starting and rough idle following start up even if the above recommendations are followed, especially when the ambient temperature is below 32°F (0°C).
- Some additives used in regular gasoline are not fully compatible with E-85 and may form deposits in your engine. To eliminate driveability issues that may be

caused by these deposits, a supplemental gasoline additive, such as MOPAR® Injector Cleanup or Techron may be used.

Selection Of Engine Oil For Flexible Fuel Vehicles (E-85) and Gasoline Vehicles

FFV vehicles operated on E-85 require specially formulated engine oils. These special requirements are included in MOPAR® engine oils, and in equivalent oils meeting Chrysler Specification MS-6395. The manufacturer only recommends engine oils that are API Certified and meet the requirements of Material Standard MS-6395. MS-6395 contains additional requirements, developed during extensive fleet testing, to provide additional protection to Chrysler Group LLC engines. Use MOPAR® or an equivalent oil meeting the specification MS-6395.

Starting

The characteristics of E-85 fuel make it unsuitable for use when ambient temperatures fall below 0°F (-18°C). In the range of 0°F (-18°C) to 32°F (0°C), you may experience an increase in the time it takes for your engine to start, and a deterioration in driveability (sags and/or hesitations) until the engine is fully warmed up.

NOTE: Use of the engine block heater (if equipped) is beneficial for E-85 startability when the ambient temperature is less than 32°F (0°C).

Cruising Range

Because E-85 fuel contains less energy per gallon/liter than gasoline, you will experience an increase in fuel consumption. You can expect your miles per gallon (mpg)/miles per liter and your driving range to decrease by about 30%, compared to gasoline operation.

Replacement Parts

Many components in your Flexible Fuel Vehicle (FFV) are designed to be compatible with ethanol. Always be sure that your vehicle is serviced with correct ethanol compatible parts.

CAUTION!
Replacing fuel system components with non-ethanol compatible components can damage your vehicle.

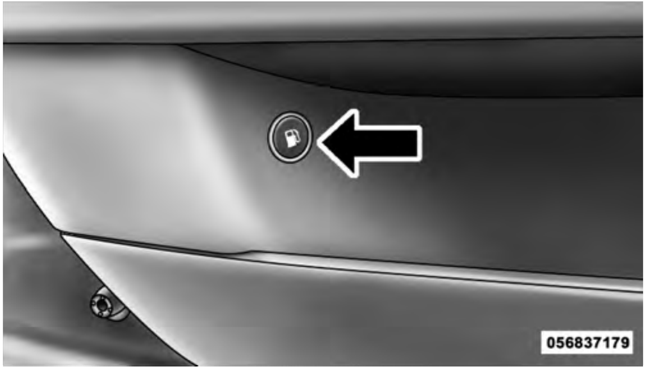
Maintenance

If you operate the vehicle using E-85 fuel, follow the maintenance schedule section of this manual.

CAUTION!
Do not use ethanol mixture greater than 85% in your vehicle. It will cause difficulty in cold starting and may affect driveability.

ADDING FUEL

1. Press the fuel filler door release switch (located in the driver's door map pocket).



Fuel Filler Door Release Switch

2. Open the fuel filler door.



Fuel Filler Door

3. There is no fuel filler cap. A flapper door inside the pipe seals the system.

4. Insert the fuel nozzle fully into the filler pipe – the nozzle opens and holds the flapper door while refueling.

NOTE: Only the correct size nozzle opens the latches allowing the flapper door to open.

5. Fill the vehicle with fuel – when the fuel nozzle "clicks" or shuts off the fuel tank is full.

6. Remove the fuel nozzle and close the fuel door.

NOTE: A funnel is provided (located in the trunk in the spare tire area) to open the flapper door to allow for emergency refueling with a gas can.

CAUTION!
To avoid fuel spillage and overfilling, do not "top off" the fuel tank after filling.

WARNING!

- **Never have any smoking materials lit in or near the vehicle when the fuel door is open or the tank is being filled.**
- **Never add fuel when the engine is running. This is in violation of most state and federal fire regulations and may cause the "Malfunction Indicator Light" to turn on.**
- **A fire may result if gasoline is pumped into a portable container that is inside of a vehicle. You could be burned. Always place gas containers on the ground while filling.**

Emergency Fuel Filler Door Release

If you are unable to open the fuel filler door, use the fuel filler door emergency release.

1. Open the trunk.
2. Pull the release cable located on the driver's side.

VEHICLE LOADING

The load carrying capacity of your vehicle is shown on the "Vehicle Certification Label." This information should be used for passenger and luggage loading as indicated.

Do not exceed the specified Gross Vehicle Weight Rating (GVWR) or the Gross Axle Weight Rating (GAWR).

Vehicle Certification Label

Your vehicle has a Vehicle Certification Label affixed to the rear of the driver's door.

The label contains the following information:

- Name of manufacturer
- Month and year of manufacture
- Gross Vehicle Weight Rating (GVWR)

- Gross Axle Weight Rating (GAWR) front
- Gross Axle Weight Rating (GAWR) rear
- Vehicle Identification Number (VIN)
- Type of Vehicle
- Month Day and Hour of Manufacture (MDH)

The bar code allows a computer scanner to read the VIN.

Gross Vehicle Weight Rating (GVWR)

The GVWR is the total allowable weight of your vehicle. This includes driver, passengers, and cargo. The total load must be limited so that you do not exceed the GVWR.

Gross Axle Weight Rating (GAWR)

The GAWR is the maximum capacity of the front and rear axles. Distribute the load over the front and rear axles evenly. Make sure that you do not exceed either front or rear GAWR.

WARNING!

Because the front wheels steer the vehicle, it is important that you do not exceed the maximum front or rear GAWR. A dangerous driving condition can result if either rating is exceeded. You could lose control of the vehicle and have a collision.

Overloading

The load carrying components (axle, springs, tires, wheels, etc.) of your vehicle will provide satisfactory service as long as you do not exceed the GVWR and the front and rear GAWR.

The best way to figure out the total weight of your vehicle is to weigh it when it is fully loaded and ready for operation. Weigh it on a commercial scale to ensure that it is not over the GVWR.

Figure out the weight on the front and rear of the vehicle separately. It is important that you distribute the load evenly over the front and rear axles.

Overloading can cause potential safety hazards and shorten useful service life. Heavier axles or suspension components do not necessarily increase the vehicle's GVWR.

Loading

To load your vehicle properly, first figure out its empty weight, axle-by-axle and side-by-side. Store heavier items down low and be sure you distribute their weight as evenly as possible. Stow all loose items securely before driving. If weighing the loaded vehicle shows that you have exceeded either GAWR, but the total load is within the specified GVWR, you must redistribute the weight. Improper weight distribution can have an adverse effect on the way your vehicle steers and handles and the way the brakes operate.

NOTE:

- Refer to the "Vehicle Certification Label" affixed to the rear of the driver's door for your vehicle's GVWR and GAWRs.
- Refer to the "Tire Placard" for your vehicle's proper tire pressure.

TRAILER TOWING

In this section, you will find safety tips and information on limits to the type of towing you can reasonably do with your vehicle. Before towing a trailer, carefully review this information to tow your load as efficiently and safely as possible.

To maintain warranty coverage, follow the requirements and recommendations in this manual concerning vehicles used for trailer towing.

Common Towing Definitions

The following trailer towing related definitions will assist you in understanding the following information:

Gross Vehicle Weight Rating (GVWR)

The GVWR is the total allowable weight of your vehicle. This includes driver, passengers, cargo, and tongue weight. The total load must be limited so that you do not exceed the GVWR. Refer to “Vehicle Loading/Vehicle Certification Label” in “Starting and Operating” for further information.

Gross Trailer Weight (GTW)

The GTW is the weight of the trailer plus the weight of all cargo, consumables, and equipment (permanent or temporary) loaded in or on the trailer in its ″loaded and ready for operation″ condition.

The recommended way to measure GTW is to put your fully loaded trailer on a vehicle scale. The entire weight of the trailer must be supported by the scale.

Gross Combination Weight Rating (GCWR)

The GCWR is the total permissible weight of your vehicle and trailer when weighed in combination.

NOTE: The GCWR rating includes a 150 lbs (68 kg) allowance for the presence of a driver.

Gross Axle Weight Rating (GAWR)

The GAWR is the maximum capacity of the front and rear axles. Distribute the load over the front and rear axles evenly. Make sure that you do not exceed either front or rear GAWR. Refer to “Vehicle Loading/Vehicle Certification Label” in “Starting and Operating” for further information.

WARNING!

It is important that you do not exceed the maximum front or rear GAWR. A dangerous driving condition can result if either rating is exceeded. You could lose control of the vehicle and have a collision.

Tongue Weight (TW)

The tongue weight is the downward force exerted on the hitch ball by the trailer. In most cases, it should not be less than 10% or more than 15% of the trailer load. You must consider this as part of the load on your vehicle.

Frontal Area

The frontal area is the maximum height multiplied by the maximum width of the front of a trailer.

Trailer Sway Control

The trailer sway control is a telescoping link that can be installed between the hitch receiver and the trailer tongue that typically provides adjustable friction associated with the telescoping motion to dampen any unwanted trailer swaying motions while traveling.

Weight-Carrying Hitch

A weight-carrying hitch supports the trailer tongue weight, just as if it were luggage located at a hitch ball or some other connecting point of the vehicle. These kinds of hitches are the most popular on the market today and they are commonly used to tow small- and medium-sized trailers.

Weight-Distributing Hitch

A weight-distributing system works by applying leverage through spring (load) bars. They are typically used for heavier loads to distribute trailer tongue weight to the tow vehicle's front axle and the trailer axle(s). When used in accordance with the manufacturer's directions, it provides for a more level ride, offering more consistent steering and brake control thereby enhancing towing safety. The addition of a friction / hydraulic sway control also dampens sway caused by traffic and crosswinds and contributes positively to tow vehicle and trailer stability. Trailer sway control and a weight distributing (load equalizing) hitch are recommended for heavier Tongue Weights (TW) and may be required depending on vehicle and trailer configuration / loading to comply with Gross Axle Weight Rating (GAWR) requirements.

WARNING!

- **An improperly adjusted weight distributing hitch system may reduce handling, stability, braking performance, and could result in a collision.**
- **Weight distributing systems may not be compatible with surge brake couplers. Consult with your hitch and trailer manufacturer or a reputable recreational vehicle dealer for additional information.**

Trailer Hitch Classification

Your vehicle may be factory equipped for safe towing of trailers weighing over 2,000 lbs (907 kg) with the optional Trailer Tow Prep Package. See your authorized dealer for package content.

The following chart provides the industry standard for the maximum trailer weight a given trailer hitch class can tow and should be used to assist you in selecting the correct trailer hitch for your intended towing condition. Refer to the "Trailer Towing Weights (Maximum Trailer Weight Ratings)" chart for the Maximum GTW towable for your given drivetrain.

Trailer Hitch Classification Definitions

Class	Max. Trailer Hitch Industry Standards
Class I - Light Duty	2,000 lbs (907 kg)
Class II - Medium Duty	3,500 lbs (1 587 kg)
Class III - Heavy Duty	5,000 lbs (2 268 kg)
Class IV - Extra Heavy Duty	10,000 lbs (4 540 kg)
Refer to the "Trailer Towing Weights (Maximum Trailer Weight Ratings)" chart for the Maximum Gross Trailer Weight (GTW) towable for your given drivetrain.	

All trailer hitches should be professionally installed on your vehicle.

Trailer Towing Weights (Maximum Trailer Weight Ratings)

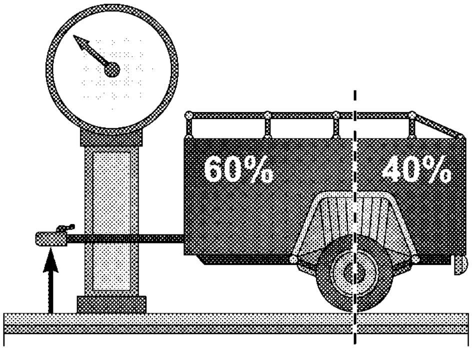
The following chart provides the maximum trailer weight ratings towable for your given drivetrain.

Engine/Transmission	Frontal Area	Max. GTW (Gross Trailer Wt.)	Max. Tongue Wt. (See Note)
3.6L Automatic	22 sq ft (2.04 sq m)	1,000 lbs (454 kg)	100 lbs (45 kg)
5.7L Automatic	32 sq ft (2.97 sq m)	1,000 lbs (454 kg)	100 lbs (45 kg)
Refer to local laws for maximum trailer towing speeds			
NOTE: The trailer tongue weight must be considered as part of the combined weight of occupants and cargo, and it should never exceed the weight referenced on the "Tire and Loading Information" placard. Refer to "Tire Safety Information" in "Starting and Operating" for further information.			

Trailer And Tongue Weight

Always load a trailer with 60% to 65% of the weight in the front of the trailer. This places 10% to 15% of the Gross Trailer Weight (GTW) on the tow hitch of your vehicle. Loads balanced over the wheels or heavier in the rear can cause the trailer to sway **severely** side to side which will cause loss of control of the vehicle and trailer. Failure to load trailers heavier in front is the cause of many trailer collisions.

Never exceed the maximum tongue weight stamped on your bumper or trailer hitch.



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Consider the following items when computing the weight on the rear axle of the vehicle:

- The tongue weight of the trailer.
- The weight of any other type of cargo or equipment put in or on your vehicle.
- The weight of the driver and all passengers.

NOTE: Remember that everything put into or on the trailer adds to the load on your vehicle. Also, additional factory-installed options or dealer-installed options must be considered as part of the total load on your vehicle. Refer to the “Tire and Loading Information” placard for the maximum combined weight of occupants and cargo for your vehicle.

Towing Requirements

To promote proper break-in of your new vehicle drive-train components the following guidelines are recommended:

CAUTION!

- **Do not tow a trailer at all during the first 500 miles (805 km) the new vehicle is driven. The engine, axle or other parts could be damaged.**

(Continued)

CAUTION! (Continued)

- **Then, during the first 500 miles (805 km) that a trailer is towed, do not drive over 50 mph (80 km/h) and do not make starts at full throttle. This helps the engine and other parts of the vehicle wear in at the heavier loads.**

WARNING!

Improper towing can lead to an injury collision. Follow these guidelines to make your trailer towing as safe as possible:

(Continued)

WARNING! (Continued)

- Make certain that the load is secured in the trailer and it will not shift during travel. When trailering cargo that is not fully secured, dynamic load shifts can occur that may be difficult for the driver to control. You could lose control of your vehicle and have a collision.
- When hauling cargo or towing a trailer, do not overload your vehicle or trailer. Overloading can cause a loss of control, poor performance, or damage to brakes, axle, engine, transmission, steering, suspension, chassis structure, or tires.
- Safety chains must always be used between your vehicle and trailer. Always connect the chains to the frame or hook retainers of the vehicle hitch. Cross the chains under the trailer tongue and allow enough slack for turning corners.

(Continued)

WARNING! (Continued)

- Vehicles with trailers should not be parked on a grade. When parking, apply the parking brake on the tow vehicle. Put the tow vehicle automatic transmission in PARK. Always, block or ″chock″ the trailer wheels.
- GCWR must not be exceeded.
- Total weight must be distributed between the tow vehicle and the trailer such that the following four ratings are not exceeded:

  1. Max loading as defined on the “Tire and Loading Information” placard.
  2. GTW
  3. GAWR
  4. Tongue weight rating for the trailer hitch utilized. (This requirement may limit the ability to always achieve the 10% to 15% range of tongue weight as a percentage of total trailer weight.)

Towing Requirements – Tires

– Do not attempt to tow a trailer while using a compact spare tire.

– Proper tire inflation pressures are essential to the safe and satisfactory operation of your vehicle. Refer to "Tires – General Information" in "Starting and Operating" for information on tire pressures and for proper tire inflation procedures.

– Check the trailer tires for proper tire inflation pressures before trailer usage.

– Check for signs of tire wear or visible tire damage before towing a trailer. Refer to "Tires – General Information" in "Starting and Operating" for information on tread wear indicators and for the proper inspection procedure.

– When replacing tires, refer to "Tires – General Information" in "Starting and Operating" for information on replacement tires and for the proper tire replacement procedures. Replacing tires with a higher load carrying capacity will not increase the vehicle's GVWR and GAWR limits.

Towing Requirements – Trailer Brakes

– Do **not** interconnect the hydraulic brake system or vacuum system of your vehicle with that of the trailer. This could cause inadequate braking and possible personal injury.

– An electronically actuated trailer brake controller is required when towing a trailer with electronically actuated brakes. When towing a trailer equipped with a hydraulic surge actuated brake system, an electronic brake controller is not required.

– Trailer brakes are recommended for trailers over 1,000 lbs (454 kg) and required for trailers in excess of 2,000 lbs (907 kg).

CAUTION!

If the trailer weighs more than 1,000 lbs (454 kg) loaded, it should have its own brakes, and they should be of adequate capacity. Failure to do this could lead to accelerated brake lining wear, higher brake pedal effort, and longer stopping distances.

WARNING!

- **Do not connect trailer brakes to your vehicle's hydraulic brake lines. It can overload your brake system and cause it to fail. You might not have brakes when you need them and could have an collision.**

(Continued)

WARNING! (Continued)

- **Towing any trailer will increase your stopping distance. When towing, you should allow for additional space between your vehicle and the vehicle in front of you. Failure to do so could result in a collision.**

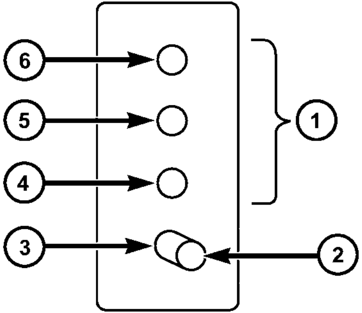
Towing Requirements – Trailer Lights and Wiring

Whenever you pull a trailer, regardless of the trailer size, stoplights and turn signals on the trailer are required for motoring safety.

The Trailer Tow Package may include a four and seven-pin wiring harness. Use a factory approved trailer harness and connector.

NOTE: Do not cut or splice wiring into the vehicles wiring harness.

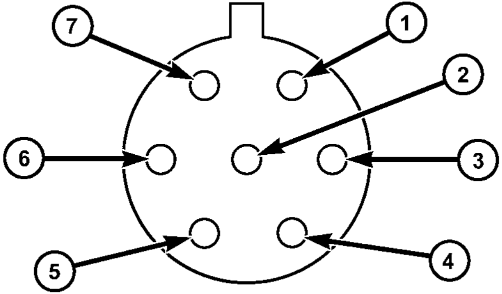
The wiring harness is not installed when leaving the factory; it must be done by the dealer or customer. Refer to the following illustrations.



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Four-Pin Connector

1 — Female Pins
2 — Male Pin
3 — Ground
4 — Park
5 — Left Stop/Turn
6 — Right Stop/Turn



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Seven-Pin Connector

1 — Battery
2 — Backup Lamps
3 — Right Stop/Turn
4 — Electric Brakes
5 — Ground
6 — Left Stop/Turn
7 — Running Lamps

Towing Tips

Before setting out on a trip, practice turning, stopping, and backing up the trailer in an area located away from heavy traffic.

Automatic Transmission

The DRIVE range can be selected when towing. However, if frequent shifting occurs while in this range, select a lower gear range using the AutoStick® feature.

NOTE: Selecting a lower gear range while operating the vehicle under heavy operating conditions will improve performance and extend transmission life by reducing excessive shifting and heat buildup. This action will also provide better engine braking.

If you REGULARLY tow a trailer for more than 45 minutes of continuous operation, then change the automatic transmission fluid and filter according to the interval specified for “police, taxi, fleet, or frequent trailer towing.” Refer to “Maintenance Schedule” for the proper maintenance intervals.

Electronic Speed Control – If Equipped

– Do not use in hilly terrain or with heavy loads.

– When using the speed control, if you experience speed drops greater than 10 mph (16 km/h), disengage until you can get back to cruising speed.

– Use speed control in flat terrain and with light loads to maximize fuel efficiency.

AutoStick®

– By using the AutoStick® mode and selecting a specific gear range, frequent shifting can be avoided. The highest gear range should be selected that allows for

adequate performance. For example, choose “4” if the desired speed can be maintained. Choose “3” or “2” if needed to maintain the desired speed.

– Extended driving at high RPM should be avoided to prevent excess heat generation. A reduction in vehicle speed may be required to avoid extended driving at high RPM. Return to a higher gear range or vehicle speed when road conditions and RPM level allows.

Cooling System

To reduce potential for engine and transmission overheating, take the following actions:

– ***City Driving***

When stopped for short periods of time, shift the transmission into NEUTRAL and increase engine idle speed.

– ***Highway Driving***

Reduce speed.

– ***Air Conditioning***

Turn off temporarily.

RECREATIONAL TOWING (BEHIND MOTORHOME, ETC.)

Two-Wheel Drive and All-Wheel Drive

Recreational towing (with all four wheels on the ground, or using a tow dolly) is **NOT ALLOWED**. The only acceptable method for towing this vehicle (behind another vehicle) is on a vehicle trailer with all four wheels **OFF** the ground.

CAUTION!

Towing this vehicle in violation of the above requirements can cause severe transmission and/or transfer case damage. Such damage is not covered by the New Vehicle Limited Warranty.

WHAT TO DO IN EMERGENCIES

CONTENTS

HAZARD WARNING FLASHERS

The Hazard Warning flasher switch is located in the center of the instrument panel between the center air outlets.



Press the switch to turn on the Hazard Warning flashers. When the switch is activated, all directional turn signals will flash on and off to warn oncoming traffic of an emergency. Press the switch a second time to turn off the Hazard Warning flashers.

This is an emergency warning system and it should not be used when the vehicle is in motion. Use it when your vehicle is disabled and it is creating a safety hazard for other motorists.

When you must leave the vehicle to seek assistance, the Hazard Warning flashers will continue to operate even though the ignition is placed in the OFF position.

NOTE: With extended use the Hazard Warning flashers may wear down your battery.

IF YOUR ENGINE OVERHEATS

In any of the following situations, you can reduce the potential for overheating by taking the appropriate action.

- On the highways — slow down.
- In city traffic — while stopped, place the transmission in NEUTRAL, but do not increase the engine idle speed.

NOTE: There are steps that you can take to slow down an impending overheat condition:

- If your air conditioner (A/C) is on, turn it off. The A/C system adds heat to the engine cooling system and turning the A/C off can help remove this heat.

- You can also turn the temperature control to maximum heat, the mode control to floor and the blower control to high. This allows the heater core to act as a supplement to the radiator and aids in removing heat from the engine cooling system.

CAUTION!

Driving with a hot cooling system could damage your vehicle. If the temperature gauge reads "H," pull over and stop the vehicle. Idle the vehicle with the air conditioner turned off until the pointer drops back into the normal range. If the pointer remains on the "H," turn the engine off immediately and call for service.

WARNING!

You or others can be badly burned by hot engine coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the hood, do not open the hood until the radiator has had time to cool. Never try to open a cooling system pressure cap when the radiator or coolant bottle is hot.

JACKING AND TIRE CHANGING

WARNING!

- **Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull far enough off the road to avoid the danger of being hit when operating the jack or changing the wheel.**

(Continued)

WARNING! (Continued)

- **Being under a jacked-up vehicle is dangerous. The vehicle could slip off the jack and fall on you. You could be crushed. Never put any part of your body under a vehicle that is on a jack.**
- **Never start or run the engine while the vehicle is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.**
- **The jack is designed to be used as a tool for changing tires only. The jack should not be used to lift the vehicle for service purposes. The vehicle should be jacked on a firm level surface only. Avoid ice or slippery areas.**

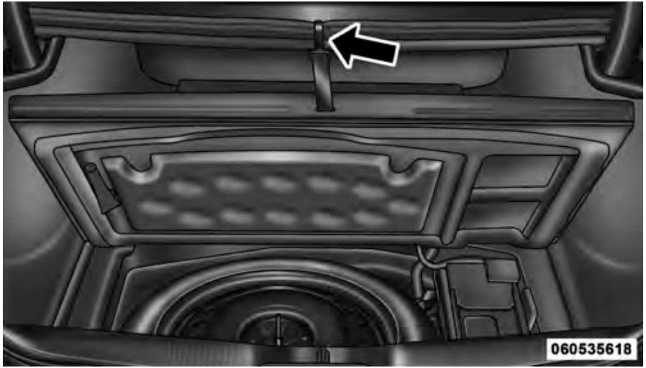
Jack Location/Spare Tire Stowage

The jack and spare tire are both stowed under an access cover in the trunk. Follow these steps to access the jack and spare tire.

NOTE: The spare tire must be removed in order to access the jack.

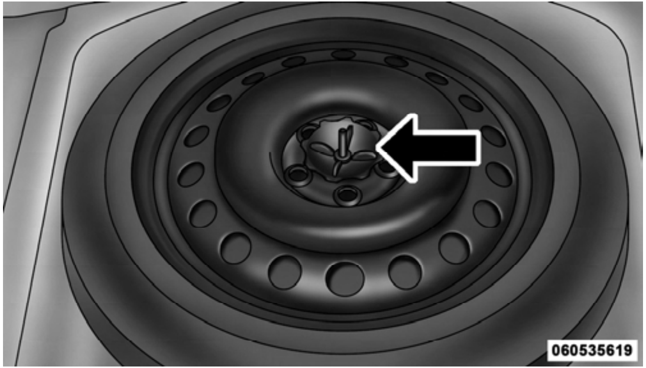
1. Open the trunk.

2. Lift the access cover using the pull strap.



Opening The Access Panel

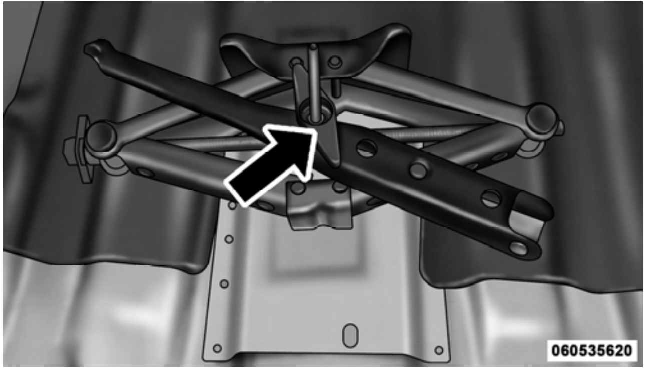
3. Remove the fastener securing the spare tire.



Spare Tire Fastener

4. Remove the spare tire.

5. Remove the fastener securing the jack.



Jack Fastener

6. Remove the scissors jack and lug wrench from the spare wheel as an assembly. Turn the jack screw to the left to loosen the lug wrench, and remove the wrench from the jack assembly.

WARNING!

- **A loose tire or jack thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the jack parts and the spare tire in the places provided.**
- **Have the deflated (flat) tire repaired or replaced immediately.**

Preparations for Jacking

1. Park the vehicle on a firm, level surface as far from the edge of the roadway as possible. Avoid icy or slippery areas.

WARNING!

Do not attempt to change a tire on the side of the vehicle close to moving traffic, pull far enough off the road to avoid being hit when operating the jack or changing the wheel.

2. Turn on the Hazard Warning flasher.
3. Set the parking brake.
4. Place the shift lever into PARK.
5. Turn OFF the ignition.



6. Block the front and rear of the wheel diagonally opposite of the jacking position. For example, if changing the right front tire, block the left rear wheel.

NOTE: Passengers should not remain in the vehicle when the vehicle is being jacked.

Jacking and Changing a Tire

WARNING!

Carefully follow these tire changing warnings to help prevent personal injury or damage to your vehicle:

- **Always park on a firm, level surface as far from the edge of the roadway as possible before raising the vehicle.**
- **Turn on the Hazard Warning flasher.**
- **Block the wheel diagonally opposite the wheel to be raised.**
- **Set the parking brake firmly and set an automatic transmission in PARK; a manual transmission in REVERSE.**

(Continued)

WARNING! (Continued)

- **Never start or run the engine with the vehicle on a jack.**
- **Do not let anyone sit in the vehicle when it is on a jack.**
- **Do not get under the vehicle when it is on a jack.**
- **Only use the jack in the positions indicated and for lifting this vehicle during a tire change.**
- **If working on or near a roadway, be extremely careful of motor traffic.**



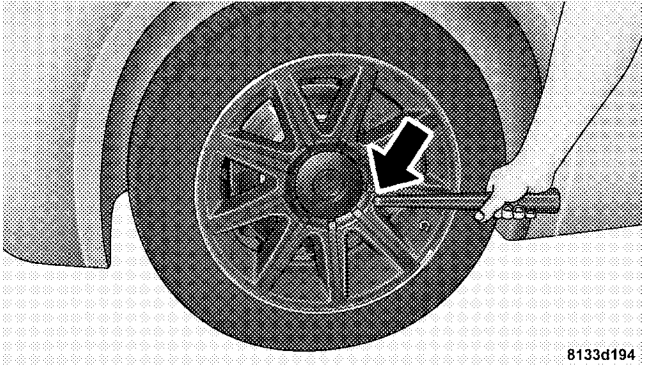
Jack Warning Label

CAUTION!

Do not attempt to raise the vehicle by jacking on locations other than those indicated in the Jacking Instructions for this vehicle.

1. Remove the spare tire, jack, and lug wrench.

2. If equipped with steel wheels, do not remove the wheel cover at this time. If equipped with aluminum wheels where the center cap covers the lug nuts, use the lug wrench to pry the center cap off carefully before raising the vehicle.

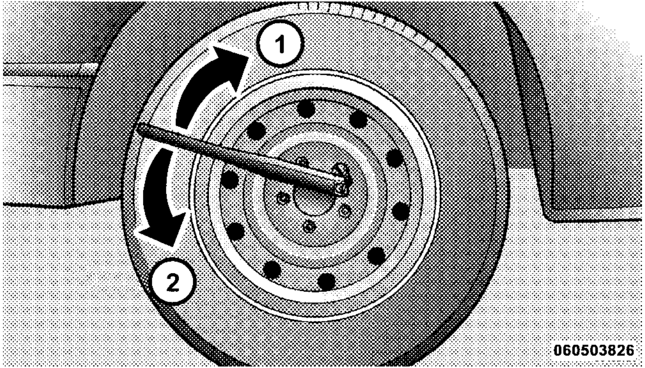


Center Cap Removal

WARNING!

To avoid possible personal injury, handle the wheel covers with care to avoid contact with the metal edges and retention teeth.

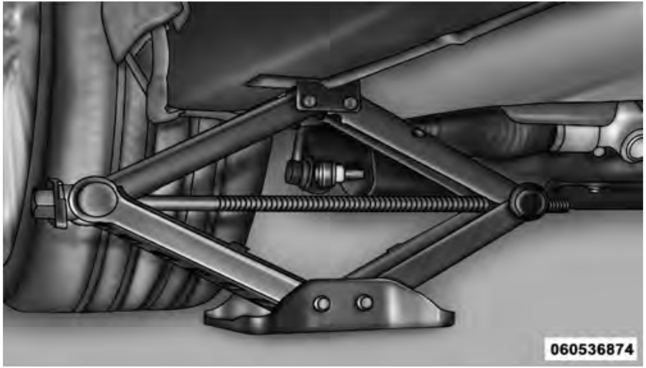
3. Before raising the vehicle, use the lug wrench to loosen, but not remove, the lug nuts on the wheel with the flat tire. Turn the lug nuts counterclockwise one turn while the wheel is still on the ground.



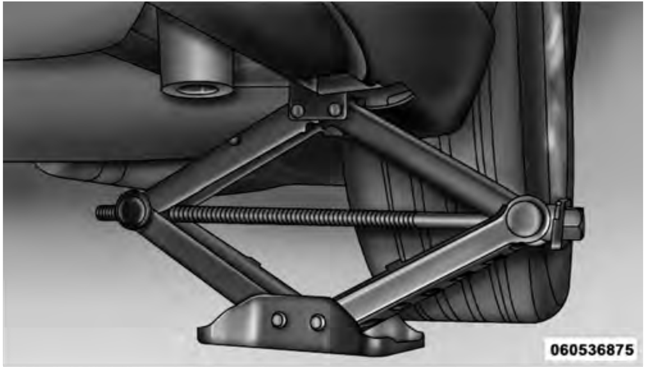
Lug Nut Removal/Installation

1 — Tighten
2 — Loosen

4. Place the jack underneath the lift area that is closest to the flat tire. Turn the jack screw clockwise to firmly engage the jack saddle with the lift area of the sill flange.



Front Jacking Location



Rear Jacking Location

5. Raise the vehicle just enough to remove the flat tire and install the spare tire.

WARNING!

Raising the vehicle higher than necessary can make the vehicle less stable. It could slip off the jack and hurt someone near it. Raise the vehicle only enough to remove the tire.

6. Remove the lug nuts, wheel cover (if equipped), and tire. Remove the cover by hand. Do not pry it off.

7. Mount the spare tire.

NOTE: For vehicles equipped with a center cap or wheel cover, do not attempt to install it on the compact spare. However, when reinstalling the road tire, follow the procedure under “Wheel Cover or Center Cap Installation” in place of the remaining steps in this procedure.

8. Install the lug nuts with the cone shaped end of the lug nut toward the wheel. Lightly tighten the lug nuts. To avoid the risk of forcing the vehicle off the jack, do not tighten the lug nuts fully until the vehicle is lowered to the ground.

WARNING!

To avoid the risk of forcing the vehicle off the jack, do not fully tighten the wheel nuts until the vehicle has been lowered. Failure to follow this warning may result in personal injury.

9. Lower the vehicle to the ground by turning the jack handle counterclockwise.

10. Finish tightening the lug nuts. Push down on the wrench while tightening for increased leverage. Alternate lug nuts until each nut has been tightened twice. The correct tightness of each lug nut is 100 ft/lb. (135 N·m). If in doubt about the correct tightness, have them checked with a torque wrench by your authorized dealer or at a service station.

11. Stow the jack, tools and flat tire. Make sure the base of the jack faces the front of the vehicle before tightening down the fastener.

WARNING!

- **A loose tire or jack thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the jack parts and the spare tire in the places provided.**
- **Have the deflated (flat) tire repaired or replaced immediately.**

Compact Spare Tire

The compact spare tire is for temporary emergency use with radial tires. It is engineered to be used on your style vehicle only. Since this tire has limited tread life, the original tire should be repaired (or replaced) and reinstalled at the first opportunity.

- Keep tire inflated to 60 psi (414 KPa) cold inflation pressure.
- This tire is designed as an emergency spare only. Do not exceed 50 mph (80 km/h) speed.

WARNING!

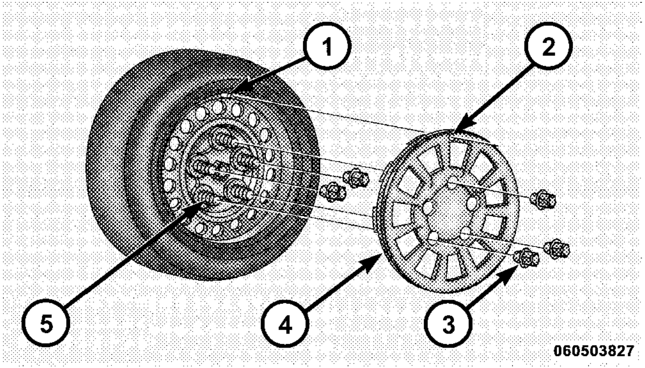
The limited-use spare tires are for emergency use only. Installation of this limited-use spare tire affects vehicle handling. With this tire, do not drive more than 60 mph (100 km/h). Keep inflated to the cold tire inflation pressure listed on either your tire placard or limited-use spare tire and wheel assembly. Replace (or repair) the original tire at the first opportunity and reinstall it on your vehicle. Failure to do so could result in loss of vehicle control.

Wheel Cover or Center Cap Installation — If Equipped

NOTE: Do not attempt to install a center cap or wheel cover on the compact spare.

1. Mount the road tire on the axle. For vehicles equipped with wheel covers, perform Steps 2 and 3. For vehicles equipped with center caps, proceed to Step 4.

2. Install two lug nuts on the mounting studs, which are on each side of the stud that is in alignment with the valve stem. Install the lug nuts with the cone shaped end of the nut toward the wheel. Lightly tighten the lug nuts. To avoid the risk of forcing the vehicle off the jack, do not tighten the lug nuts fully until the vehicle is lowered to the ground.



Tire and Wheel Cover Or Center Cap

1 — Valve Stem
2 — Valve Notch
3 — Wheel Lug Nut
4 — Wheel Cover
5 — Mounting Stud

3. Align the valve notch in the wheel cover with the valve stem on the wheel. Install the cover by hand, snapping the cover over the two lug nuts. Do not use a hammer or excessive force to install the cover.

4. Install the remaining lug nuts with the cone shaped end of the nut toward the wheel. Lightly tighten the lug nuts. To avoid the risk of forcing the vehicle off the jack, do not tighten the lug nuts fully until the vehicle is lowered to the ground.

5. Lower the vehicle to the ground by turning the jack handle counterclockwise.

6. Finish tightening the lug nuts. Push down on the wrench while tightening for increased leverage. Alternate lug nuts until each nut has been tightened twice. The correct tightness of each lug nut is 100 ft/lb. (135 N·m). If in doubt about the correct tightness, have them checked with a torque wrench by your authorized dealer or at a service station.

7. For vehicles equipped with center caps, install the center cap by hand. Do not use a hammer or excessive force to install the center cap.

8. Stow the jack, tools, and spare tire. Make sure the base of the jack faces the rear of the vehicle before tightening down the fastener.

WARNING!

A loose tire or jack thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the jack parts and the spare tire in the places provided.

JUMP-STARTING PROCEDURES

If your vehicle has a discharged battery it can be jump-started using a set of jumper cables and a battery in another vehicle or by using a portable battery booster

pack. Jump-starting can be dangerous if done improperly so please follow the procedures in this section carefully.

NOTE: When using a portable battery booster pack follow the manufacturer's operating instructions and precautions.

CAUTION!

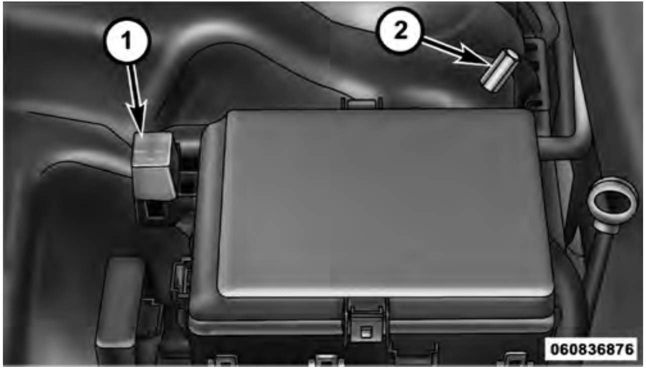
Do not use a portable battery booster pack or any other booster source with a system voltage greater than 12 Volts or damage to the battery, starter motor, alternator or electrical system may occur.

WARNING!

Do not attempt jump-starting if the battery is frozen. It could rupture or explode and cause personal injury.

Preparations For Jump-Start

The battery is stored under an access cover in the trunk. Remote battery posts are located on the right side of the engine compartment for jump-starting.



1 — Remote Positive **(+) Post**
2 — Remote Negative **(-) Post**

Remote Battery Posts

6

WARNING!

- **Take care to avoid the radiator cooling fan whenever the hood is raised. It can start anytime the ignition switch is on. You can be injured by moving fan blades.**
- **Remove any metal jewelry such as watch bands or bracelets that might make an inadvertent electrical contact. You could be seriously injured.**
- **Batteries contain sulfuric acid that can burn your skin or eyes and generate hydrogen gas which is flammable and explosive. Keep open flames or sparks away from the battery.**

1. Set the parking brake, shift the automatic transmission into PARK and turn the ignition to LOCK.

2. Turn off the heater, radio, and all unnecessary electrical accessories.

3. If using another vehicle to jump-start the battery, park the vehicle within the jumper cables reach, set the parking brake and make sure the ignition is OFF.

WARNING!

Do not allow vehicles to touch each other as this could establish a ground connection and personal injury could result.

Jump-Starting Procedure

WARNING!

Failure to follow this procedure could result in personal injury or property damage due to battery explosion.

CAUTION!

Failure to follow these procedures could result in damage to the charging system of the booster vehicle or the discharged vehicle.

1. Connect the positive **(+)** end of the jumper cable to the remote positive **(+)** post of the discharged vehicle.

2. Connect the opposite end of the positive **(+)** jumper cable to the positive **(+)** post of the booster battery.

3. Connect the negative end **(-)** of the jumper cable to the negative **(-)** post of the booster battery.

4. Connect the opposite end of the negative **(-)** jumper cable to the remote negative **(-)** post of the vehicle with the discharged battery.

WARNING!

Do not connect the cable to the negative post (-) of the discharged battery. The resulting electrical spark could cause the battery to explode and could result in personal injury.

5. Start the engine in the vehicle that has the booster battery, let the engine idle a few minutes, and then start the engine in the vehicle with the discharged battery.

Once the engine is started, remove the jumper cables in the reverse sequence:

6. Disconnect the negative **(-)** jumper cable from the remote negative **(-)** post of the vehicle with the discharged battery.

7. Disconnect the negative end **(-)** of the jumper cable from the negative **(-)** post of the booster battery.

8. Disconnect the positive **(+)** jumper cable from the positive **(+)** post of the booster battery.

9. Disconnect the positive **(+)** end of the jumper cable from the remote positive **(+)** post of the discharged vehicle.

If frequent jump-starting is required to start your vehicle you should have the battery and charging system inspected at your authorized dealer.

CAUTION!

Accessories that can be plugged into the vehicle power outlets draw power from the vehicle's battery, even when not in use (i.e., cellular phones, etc.). Eventually, if plugged in long enough, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.

FREEING A STUCK VEHICLE

If your vehicle becomes stuck in mud, sand, or snow, it can often be moved by a rocking motion. Turn your steering wheel right and left to clear the area around the front wheels. Then shift back and forth between DRIVE and REVERSE. Using minimal accelerator pedal pressure to maintain the rocking motion, without spinning the wheels, is most effective.

CAUTION!

Racing the engine or spinning the wheels may lead to transmission overheating and failure. Allow the engine to idle with the shift lever in NEUTRAL for at least one minute after every five rocking-motion cycles. This will minimize overheating and reduce the risk of transmission failure during prolonged efforts to free a stuck vehicle.

NOTE: Turn off the Electronic Stability Program (ESP) — if equipped, or Traction Control System (TCS) — if equipped before rocking the vehicle. Refer to "Electronic Brake Control" in "Starting and Operating" for further information.

CAUTION!

- **When "rocking" a stuck vehicle by moving between DRIVE and REVERSE, do not spin the wheels faster than 15 mph (24 km/h), or drivetrain damage may result.**
- **Revving the engine or spinning the wheels too fast may lead to transmission overheating and failure. It can also damage the tires. Do not spin the wheels above 30 mph (48 km/h) while in gear (no transmission shifting occurring).**

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause damage, or even failure, of the axle and tires. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) or for longer than 30 seconds continuously without stopping when you are stuck and do not let anyone near a spinning wheel, no matter what the speed.

SHIFT LEVER OVERRIDE

If a malfunction occurs and the shift lever cannot be moved out of the PARK position, you can use the following procedure to temporarily move the shift lever:

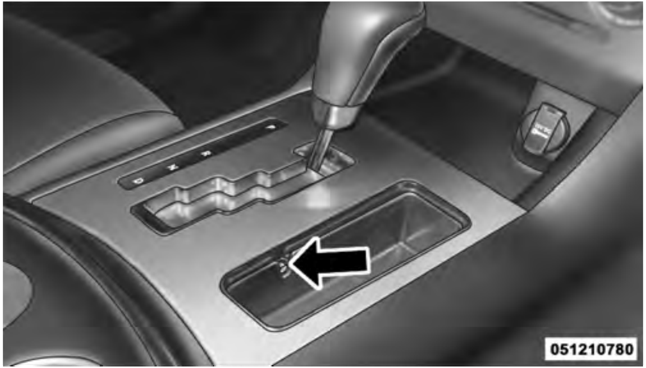
1. Firmly set the parking brake.

2. Remove the rubber tray from the storage bin located to the right of the shift lever. The override access port is near the bottom of the bin to the right of the shift lever gate.

3. Turn the ignition switch to the ON/RUN position without starting the engine.

4. Press and maintain firm pressure on the brake pedal.

5. Using a screwdriver or similar tool, press and hold the override tab through the access port on the center console.



Shift Lever Override

6. Move the shift lever into the NEUTRAL position.

7. The vehicle may then be started in NEUTRAL.

8. Reinstall the rubber tray in the storage bin.

With Keyless Enter-N-Go — If Equipped

If the engine is running, press the START/STOP button to turn it off. Release the brake pedal and press the START/STOP button once or twice to go to the ON/RUN position. Do not start the engine. Then, follow the instructions shown above to activate the override.

TOWING A DISABLED VEHICLE

<table>
<tr><th>Towing Condition</th><th>Wheels OFF the Ground</th><th>RWD MODELS</th><th>AWD MODELS</th></tr>
<tr><td>Flat Tow</td><td>NONE</td><td rowspan="2">IF Transmission is operable:
• Trans in NEUTRAL
• 30 mph (48 km/h) max speed
• 15 mi (24 km) max distance</td><td>NO</td></tr>
<tr><td rowspan="2">Wheel Lift</td><td>Front</td><td>NO</td></tr>
<tr><td>Rear</td><td>OK</td><td>Trans in NEUTRAL</td></tr>
<tr><td>Flatbed</td><td>ALL</td><td>BEST METHOD</td><td>OK</td></tr>
</table>

Proper towing or lifting equipment is required to prevent damage to your vehicle. Use only tow bars and other equipment designed for the purpose, following equipment manufacturer's instructions. Use of safety chains is mandatory. Attach a tow bar or other towing device to main structural members of the vehicle, not to bumpers or associated brackets. State and local laws applying to vehicles under tow must be observed.

If you must use the accessories (wipers, defrosters, etc.) while being towed, the ignition must be in the ON/RUN position, not the ACC position.

If the vehicle's battery is discharged, see "Shift Lever Override" in "What To Do In Emergencies" for instructions on shifting the automatic transmission out of the PARK position for towing.

CAUTION!

- **Do not use sling type equipment when towing. Damage to the fascia will occur.**
- **When securing the vehicle to a flatbed truck, do not attach to the front or rear suspension components. Damage to your vehicle may result from improper towing.**
- **Do not push or tow this vehicle with another vehicle as damage to the bumper fascia and transmission may result.**
- **If the vehicle being towed requires steering, the ignition switch must be in the ON position, not in the LOCK or ACC positions.**

The manufacturer **does not recommend** that you tow this vehicle on a tow dolly. Vehicle damage may occur.

Flatbed towing is recommended. **DO NOT** tow an AWD vehicle with the rear wheels on the ground.

If the transmission is operable, vehicles WITHOUT AWD may be towed (with rear wheels on the ground) under the following conditions:

- The shift lever must be in NEUTRAL.
- The distance to be traveled must not exceed 15 mi (24 km).
- The vehicle speed must not exceed 30 mph (48 km/h).

If the transmission is not operable, or the vehicle must be towed faster than 30 mph (48 km/h) or farther than 15 miles (24 km), tow with the rear wheels OFF the ground (on a flatbed, or with the rear wheels raised using a wheel lift and the transmission in NEUTRAL).

CAUTION!

Failure to follow these towing methods can cause severe transmission damage. Such damage is not covered by the New Vehicle Limited Warranty.

Vehicles equipped with AWD can be towed with the transmission in NEUTRAL and the rear wheels OFF the ground with no limitation on speed or distance.

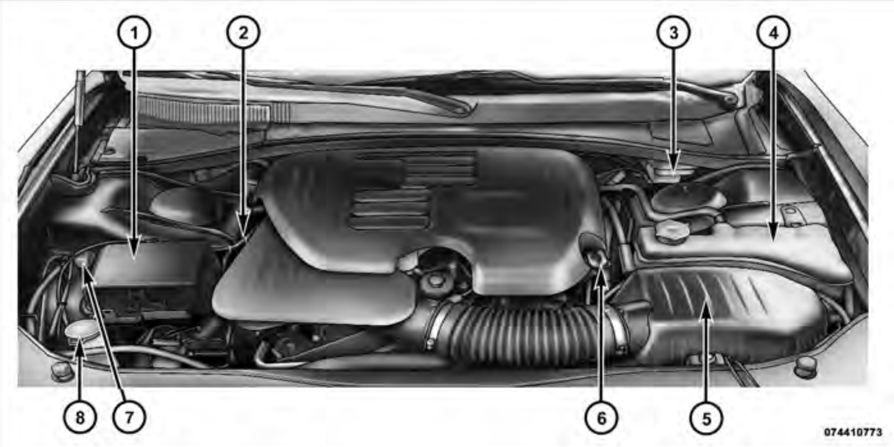
Without The Ignition Key

Special care must be taken when the vehicle is towed with the ignition in the OFF position. The only approved method of towing without the ignition key is with a flatbed truck. Proper towing equipment is necessary to prevent damage to the vehicle.

MAINTAINING YOUR VEHICLE

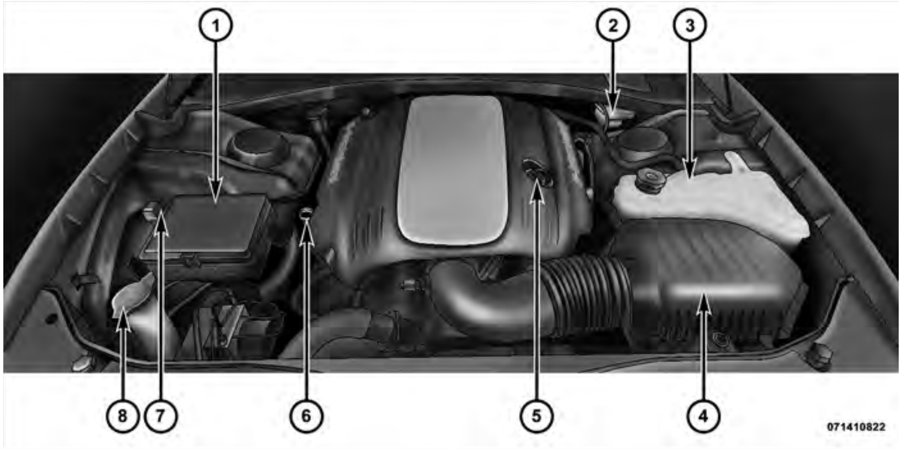
CONTENTS

ENGINE COMPARTMENT – 3.6L



1 — Integrated Power Module (Fuses)
2 — Engine Oil Dipstick
3 — Brake Fluid Reservoir Access Cover
4 — Engine Coolant Reservoir
5 — Air Cleaner Filter
6 — Engine Oil Fill
7 — Remote Jump Start (Positive Battery Post)
8 — Washer Fluid Reservoir

ENGINE COMPARTMENT — 5.7L



1 — Integrated Power Module (Fuses)
2 — Brake Fluid Reservoir
3 — Engine Coolant Reservoir
4 — Air Cleaner Filter
5 — Engine Oil Fill
6 — Engine Oil Dipstick
7 — Remote Jump Start (Positive Battery Post)
8 — Washer Fluid Reservoir

ONBOARD DIAGNOSTIC SYSTEM — OBD II

Your vehicle is equipped with a sophisticated onboard diagnostic system called OBD II. This system monitors the performance of the emissions, engine, and automatic transmission control systems. When these systems are operating properly, your vehicle will provide excellent performance and fuel economy, as well as engine emissions well within current government regulations.

If any of these systems require service, the OBD II system will turn on the “Malfunction Indicator Light (MIL).” It will also store diagnostic codes and other information to assist your service technician in making repairs. Although your vehicle will usually be drivable and not need towing, see your authorized dealer for service as soon as possible.

CAUTION!

- **Prolonged driving with the MIL on could cause further damage to the emissions control system. It could also affect fuel economy and driveability. The vehicle must be serviced before any emissions tests can be performed.**
- **If the MIL is flashing while the engine is running, severe catalytic converter damage and power loss will soon occur. Immediate service is required.**

EMISSIONS INSPECTION AND MAINTENANCE PROGRAMS

In some localities, it may be a legal requirement to pass an inspection of your vehicle’s emissions control system. Failure to pass could prevent vehicle registration.



For states that require an Inspection and Maintenance (I/M), this check verifies the “Malfunction

Indicator Light (MIL)" is functioning and is not on when the engine is running, and that the OBD II system is ready for testing.

Normally, the OBD II system will be ready. The OBD II system may **not** be ready if your vehicle was recently serviced, recently had a dead battery or a battery replacement. If the OBD II system should be determined not ready for the I/M test, your vehicle may fail the test.

Your vehicle has a simple ignition key-actuated test, which you can use prior to going to the test station. To check if your vehicle's OBD II system is ready, you must do the following:

1. Turn the ignition switch to the ON position, but do not crank or start the engine.

2. If you crank or start the engine, you will have to start this test over.

3. As soon as you turn the ignition switch to the ON position, you will see the MIL symbol come on as part of a normal bulb check.

4. Approximately 15 seconds later, one of two things will happen:

   a. The MIL will flash for about 10 seconds and then return to being fully illuminated until you turn OFF the ignition or start the engine. This means that your vehicle's OBD II system is **not ready** and you should **not** proceed to the I/M station.

   b. The MIL will not flash at all and will remain fully illuminated until you turn OFF the ignition or start the engine. This means that your vehicle's OBD II system is **ready** and you can proceed to the I/M station.

If your OBD II system is **not ready,** you should see your authorized dealer or repair facility. If your vehicle was recently serviced or had a battery failure or replacement,

you may need to do nothing more than drive your vehicle as you normally would in order for your OBD II system to update. A recheck with the above test routine may then indicate that the system is now ready.

Regardless of whether your vehicle's OBD II system is ready or not, if the MIL is illuminated during normal vehicle operation you should have your vehicle serviced before going to the I/M station. The I/M station can fail your vehicle because the MIL is on with the engine running.

REPLACEMENT PARTS

Use of genuine MOPAR® parts for normal/scheduled maintenance and repairs is highly recommended to ensure the designed performance. Damage or failures caused by the use of non-MOPAR® parts for maintenance and repairs will not be covered by the manufacturer's warranty.

DEALER SERVICE

Your authorized dealer has the qualified service personnel, special tools, and equipment to perform all service operations in an expert manner. Service Manuals are available which include detailed service information for your vehicle. Refer to these Service Manuals before attempting any procedure yourself.

NOTE: Intentional tampering with emissions control systems may void your warranty and could result in civil penalties being assessed against you.

WARNING!

You can be badly injured working on or around a motor vehicle. Only do service work for which you have the knowledge and the proper equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

MAINTENANCE PROCEDURES

The pages that follow contain the **required** maintenance services determined by the engineers who designed your vehicle.

Besides those maintenance items specified in the fixed maintenance schedule, there are other components which may require servicing or replacement in the future.

CAUTION!

- **Failure to properly maintain your vehicle or perform repairs and service when necessary could result in more costly repairs, damage to other components or negatively impact vehicle performance. Immediately have potential malfunctions examined by an authorized Chrysler Group LLC dealership or qualified repair center.**

(Continued)

CAUTION! (Continued)

- **Your vehicle has been built with improved fluids that protect the performance and durability of your vehicle and also allow extended maintenance intervals. Do not use chemical flushes in these components as the chemicals can damage your engine, transmission, power steering or air conditioning. Such damage is not covered by the New Vehicle Limited Warranty. If a flush is needed because of component malfunction, use only the specified fluid for the flushing procedure.**

Engine Oil

Checking Oil Level – 3.6L Engine

To assure proper engine lubrication, the engine oil must be maintained at the correct level. Check the oil level at

regular intervals, such as every fuel stop. The best time to check the engine oil level is about five minutes after a fully warmed engine is shut off.

Checking the oil while the vehicle is on level ground will improve the accuracy of the oil level readings. Maintain the oil level between the MIN and MAX markings on the dipstick. Adding 1.0 qt (1.0 L) of oil when the reading is at the MIN mark will result in a MAX reading on these engines.

CAUTION!

Overfilling or underfilling will cause oil aeration or loss of oil pressure. This could damage your engine.

Checking Oil Level – 5.7L Engine

To assure proper engine lubrication, the engine oil must be maintained at the correct level. Check the oil level at regular intervals, such as every fuel stop. The best time to check the engine oil level is about five minutes after a fully warmed engine is shut off.

Checking the oil while the vehicle is on level ground will improve the accuracy of the oil level readings. Maintain the oil level in the “SAFE” range. Adding 1.0 qt (1.0 L) of oil when the reading is at the bottom of the “SAFE” range will result in an oil level at the top of the “SAFE” range on these engines.

CAUTION!

Overfilling or underfilling will cause oil aeration or loss of oil pressure. This could damage your engine.

Change Engine Oil

The oil change indicator system will remind you that it is time to take your vehicle in for scheduled maintenance. Refer to the “Maintenance Schedule” for further information.

NOTE: Under no circumstances should oil change intervals exceed 8,000 miles (13 000 km) or six months, whichever occurs first.

Engine Oil Selection

For best performance and maximum protection under all types of operating conditions, the manufacturer only recommends engine oils that are API Certified and meet the requirements of Chrysler Material Standard MS-6395.

American Petroleum Institute (API) Engine Oil Identification Symbol

This symbol means that the oil has been certified by the American Petroleum Institute (API). The manufacturer only recommends API Certified engine oils.

CAUTION!

Do not use chemical flushes in your engine oil as the chemicals can damage your engine. Such damage is not covered by the New Vehicle Limited Warranty.

Engine Oil Viscosity (SAE Grade) – 3.6L Engine
SAE 5W-30 engine oil is recommended for all operating temperatures.

The engine oil filler cap also shows the recommended engine oil viscosity for your engine. For information on engine oil filler cap location, refer to “Engine Compartment” in “Maintaining Your Vehicle” for further information.

Lubricants that do not have both, the engine oil certification mark and the correct SAE viscosity grade number should not be used.

Engine Oil Viscosity (SAE Grade) – 5.7L Engine
SAE 5W-20 engine oil is recommended for all operating temperatures. This engine oil improves low temperature starting and vehicle fuel economy.

The engine oil filler cap also shows the recommended engine oil viscosity for your engine. For information on engine oil filler cap location, refer to “Engine Compartment” in “Maintaining Your Vehicle” for further information.

NOTE: Vehicles equipped with a 5.7L engine must use SAE 5W-20 oil. Failure to do so may result in improper operation of the Multi-Displacement System (MDS). Refer to “Multi-Displacement System” in “Starting and Operating” for further information.

Lubricants that do not have both, the engine oil certification mark and the correct SAE viscosity grade number should not be used.

Synthetic Engine Oils
You may use synthetic engine oils provided the recommended oil quality requirements are met, and the recommended maintenance intervals for oil and filter changes are followed.

Materials Added to Engine Oil

Do not add any supplemental materials, other than leak detection dyes, to the engine oil. Engine oil is an engineered product and its performance may be impaired by supplemental additives.

Disposing of Used Engine Oil and Oil Filters

Care should be taken in disposing of used engine oil and oil filters from your vehicle. Used oil and oil filters, indiscriminately discarded, can present a problem to the environment. Contact your authorized dealer, service station, or governmental agency for advice on how and where used oil and oil filters can be safely discarded in your area.

Engine Oil Filter

The engine oil filter should be replaced with a new filter at every engine oil change.

Engine Oil Filter Selection

This manufacturer’s engines have a full-flow type oil filter. Use a filter of this type for replacement. The quality of replacement filters varies considerably. Only high quality filters should be used to assure most efficient service. MOPAR® engine oil filters are a high quality oil filter and are recommended.

Engine Air Cleaner Filter

Refer to the “Maintenance Schedule” for the proper maintenance intervals.

WARNING!

The air induction system (air cleaner, hoses, etc.) can provide a measure of protection in the case of engine backfire. Do not remove the air induction system (air cleaner, hoses, etc.) unless such removal is necessary for repair or maintenance. Make sure that no one is near the engine compartment before starting the vehicle with the air induction system (air cleaner, hoses, etc.) removed. Failure to do so can result in serious personal injury.

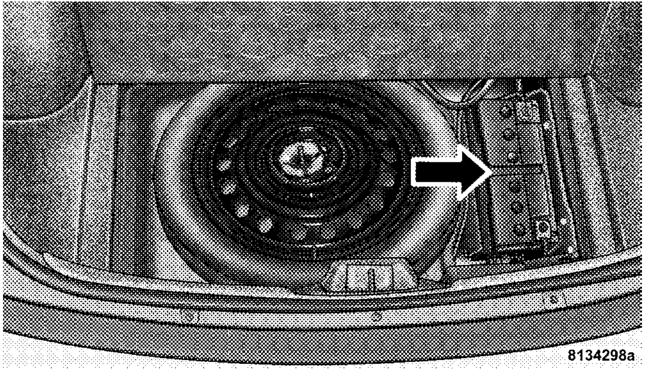
Engine Air Cleaner Filter Selection

The quality of replacement engine air cleaner filters varies considerably. Only high quality filters should be used to assure most efficient service. MOPAR® engine air cleaner filters are a high quality filter and are recommended.

Maintenance-Free Battery

Your vehicle is equipped with a maintenance-free battery. You will never have to add water, nor is periodic maintenance required.

NOTE: The battery is stored under an access cover in the trunk. Remote battery terminals are located in the engine compartment for jump starting. Refer to “Jump-Starting Procedures” in “What To Do In Emergencies” for further information.



Battery Location

WARNING!

- Battery fluid is a corrosive acid solution and can burn or even blind you. Do not allow battery fluid to contact your eyes, skin, or clothing. Do not lean over a battery when attaching clamps. If acid splashes in eyes or on skin, flush the area immediately with large amounts of water.
- Battery gas is flammable and explosive. Keep flame or sparks away from the battery. Do not use a booster battery or any other booster source with an output greater than 12 Volts. Do not allow cable clamps to touch each other.
- Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.

WARNING! (Continued)

- The battery in this vehicle has a vent hose that should not be disconnected and should only be replaced with a battery of the same type (vented).

CAUTION!

- It is essential when replacing the cables on the battery that the positive cable is attached to the positive post and the negative cable is attached to the negative post. Battery posts are marked positive (+) and negative (-) and are identified on the battery case. Cable clamps should be tight on the terminal posts and free of corrosion.
- If a “fast charger” is used while the battery is in the vehicle, disconnect both vehicle battery cables before connecting the charger to the battery. Do not use a “fast charger” to provide starting voltage.

Air Conditioner Maintenance

For best possible performance, your air conditioner should be checked and serviced by an authorized dealer at the start of each warm season. This service should include cleaning of the condenser fins and a performance test. Drive belt tension should also be checked at this time.

CAUTION!

Do not use chemical flushes in your air conditioning system as the chemicals can damage your air conditioning components. Such damage is not covered by the New Vehicle Limited Warranty.

WARNING!

- **Use only refrigerants and compressor lubricants approved by the manufacturer for your air conditioning system. Some unapproved refrigerants are flammable and can explode, injuring you. Other unapproved refrigerants or lubricants can cause the system to fail, requiring costly repairs. Refer to Warranty Information Book, located on the DVD, for further warranty information.**
- **The air conditioning system contains refrigerant under high pressure. To avoid risk of personal injury or damage to the system, adding refrigerant or any repair requiring lines to be disconnected should be done by an experienced technician.**

Refrigerant Recovery and Recycling

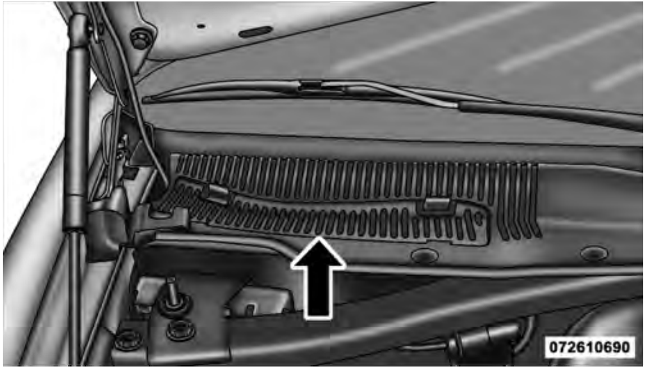
R-134a Air Conditioning Refrigerant is a hydrofluorocarbon (HFC) that is endorsed by the Environmental Protection Agency and is an ozone-saving product. However, the manufacturer recommends that air conditioning service be performed by authorized dealers or other service facilities using recovery and recycling equipment.

NOTE: Use only manufacturer approved A/C System Sealers, Stop Leak Products, Seal Conditioners, Compressor Oil, and Refrigerants.

A/C Air Filter

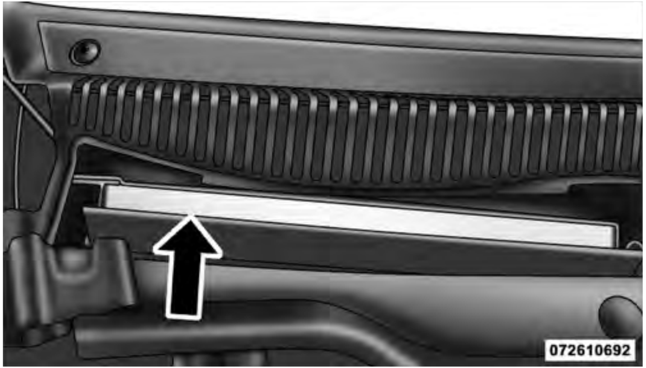
The filter is located in the fresh air inlet under the hood, behind a removable panel in the cowl on the passenger side of the vehicle, next to the windshield wipers. When installing a new filter, ensure its proper orientation.

1. Remove the access door in the cowl screen by pressing the retaining clips.

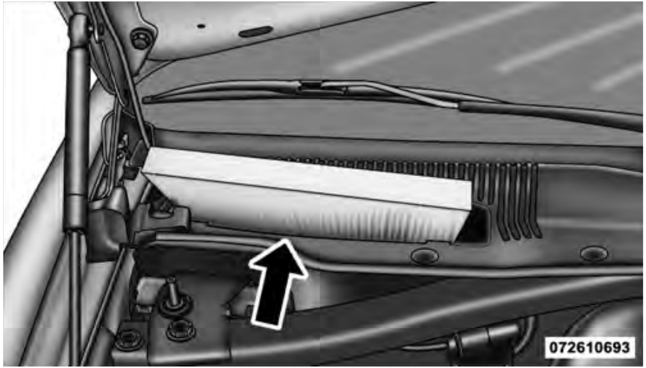


Access Door

2. Slide the lid on the filter adapter forward and down and remove the used filter.



3. Install the new filter with arrows pointing in the direction of airflow, which is toward the rear of the vehicle (text and arrows on the filter will indicate this).



A/C Air Filter

Refer to the “Maintenance Schedule” for the proper maintenance intervals.

Body Lubrication

Locks and all body pivot points, including such items as seat tracks, door hinge pivot points and rollers, liftgate, tailgate, sliding doors and hood hinges, should be lubricated periodically with a lithium based grease, such as MOPAR® Spray White Lube or equivalent to assure quiet, easy operation and to protect against rust and wear. Prior to the application of any lubricant, the parts concerned should be wiped clean to remove dust and grit; after lubricating excess oil and grease should be removed. Particular attention should also be given to hood latching components to ensure proper function. When performing other underhood services, the hood latch, release mechanism and safety catch should be cleaned and lubricated.

The external lock cylinders should be lubricated twice a year, preferably in the Fall and Spring. Apply a small amount of a high quality lubricant, such as MOPAR® Lock Cylinder Lubricant or equivalent directly into the lock cylinder.

Windshield Wiper Blades

Clean the rubber edges of the wiper blades and the windshield periodically with a sponge or soft cloth and a mild nonabrasive cleaner. This will remove accumulations of salt or road film.

Operation of the wipers on dry glass for long periods may cause deterioration of the wiper blades. Always use washer fluid when using the wipers to remove salt or dirt from a dry windshield.

Avoid using the wiper blades to remove frost or ice from the windshield. Keep the blade rubber out of contact with petroleum products such as engine oil, gasoline, etc.

NOTE: Life expectancy of wiper blades varies depending on geographical area and frequency of use. Poor

performance of blades may be present with chattering, marks, water lines or wet spots. If any of these conditions are present, clean the wiper blades or replace as necessary.

Adding Washer Fluid

The windshield washer fluid reservoir is located in the front of the engine compartment. Be sure to check the fluid level at regular intervals. Fill the reservoir with windshield washer solvent (not radiator antifreeze) and operate the system for a few seconds to flush out the residual water.

When refilling the washer fluid reservoir, apply some washer fluid to a cloth or towel and wipe the wiper blades clean. This will help blade performance.

To prevent freeze-up of your windshield washer system in cold weather, select a solution or mixture that meets or exceeds the temperature range of your climate. This rating information can be found on most washer fluid containers.

The fluid reservoir will hold nearly 1 gal (4 L) of washer fluid when the message “Low Washer Fluid” appears in the Electronic Vehicle Information Center (EVIC) (if equipped).

WARNING!

Commercially available windshield washer solvents are flammable. They could ignite and burn you. Care must be exercised when filling or working around the washer solution.

Exhaust System

The best protection against carbon monoxide entry into the vehicle body is a properly maintained engine exhaust system.

If you notice a change in the sound of the exhaust system; or if the exhaust fumes can be detected inside the vehicle; or when the underside or rear of the vehicle is damaged; have an authorized technician inspect the complete exhaust system and adjacent body areas for broken, damaged, deteriorated, or mispositioned parts. Open seams or loose connections could permit exhaust fumes to seep into the passenger compartment. In addition, inspect the exhaust system each time the vehicle is raised for lubrication or oil change. Replace as required.

WARNING!

- **Exhaust gases can injure or kill. They contain carbon monoxide (CO), which is colorless and odorless. Breathing it can make you unconscious and can eventually poison you. To avoid breathing CO, refer to “Safety Tips/Exhaust Gas” in “Things To Know Before Starting Your Vehicle” for further information.**
- **A hot exhaust system can start a fire if you park over materials that can burn. Such materials might be grass or leaves coming into contact with your exhaust system. Do not park or operate your vehicle in areas where your exhaust system can contact anything that can burn.**

CAUTION!

- **The catalytic converter requires the use of unleaded fuel only. Leaded gasoline will destroy the effectiveness of the catalyst as an emissions control device and may seriously reduce engine performance and cause serious damage to the engine.**
- **Damage to the catalytic converter can result if your vehicle is not kept in proper operating condition. In the event of engine malfunction, particularly involving engine misfire or other apparent loss of performance, have your vehicle serviced promptly. Continued operation of your vehicle with a severe malfunction could cause the converter to overheat, resulting in possible damage to the converter and vehicle.**

Under normal operating conditions, the catalytic converter will not require maintenance. However, it is important to keep the engine properly tuned to assure proper catalyst operation and prevent possible catalyst damage.

NOTE: Intentional tampering with emissions control systems can result in civil penalties being assessed against you.

In unusual situations involving grossly malfunctioning engine operation, a scorching odor may suggest severe and abnormal catalyst overheating. If this occurs, stop the vehicle, turn off the engine and allow it to cool. Service, including a tune-up to manufacturer's specifications, should be obtained immediately.

To minimize the possibility of catalytic converter damage:

- Do not shut off the engine or interrupt the ignition, when the transmission is in gear and the vehicle is in motion.
- Do not try to start the engine by pushing or towing the vehicle.
- Do not idle the engine with any spark plug wires disconnected or removed, such as when diagnostic testing, or for prolonged periods during very rough idle or malfunctioning operating conditions.

Cooling System

WARNING!

- **When working near the radiator cooling fan, disconnect the fan motor lead or turn the ignition switch to the LOCK position. The fan is temperature controlled and can start at any time the ignition switch is in the ON position.**
- **You or others can be badly burned by hot engine coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the hood, do not open the hood until the radiator has had time to cool. Never try to open a cooling system pressure cap when the radiator is hot.**

Coolant Checks

Check engine coolant (antifreeze) protection every 12 months (before the onset of freezing weather, where applicable). If the engine coolant (antifreeze) is dirty or rusty in appearance, the system should be drained, flushed, and refilled with fresh coolant. Check the front of the radiator for any accumulation of bugs, leaves, etc. If dirty, clean by gently spraying water from a garden hose vertically down the face of the condenser.

Check the coolant recovery bottle tubing for brittle rubber, cracking, tears, cuts, and tightness of the connection at the bottle and radiator. Inspect the entire system for leaks.

With the engine at normal operating temperature (but not running), check the cooling system pressure cap for proper vacuum sealing by draining a small amount of engine coolant (antifreeze) from the radiator drain cock. If the cap is sealing properly, the engine coolant (antifreeze) will begin to drain from the coolant recovery bottle. DO NOT REMOVE THE COOLANT PRESSURE CAP WHEN THE COOLING SYSTEM IS HOT.

Cooling System – Drain, Flush, and Refill

If the engine coolant (antifreeze) is dirty or contains a considerable amount of sediment, clean and flush with a reliable cooling system cleaner. Follow with a thorough rinsing to remove all deposits and chemicals. Properly dispose of the old engine coolant (antifreeze) solution.

Refer to the “Maintenance Schedule” for the proper maintenance intervals.

Selection of Coolant

Use only the manufacturer’s recommended engine coolant (antifreeze). Refer to “Fluids, Lubricants, and Genuine Parts” in “Maintaining Your Vehicle” for further information.

CAUTION!

- **Mixing of engine coolant (antifreeze) other than specified HOAT engine coolant (antifreeze), may result in engine damage and may decrease corrosion protection. If a non-HOAT engine coolant (antifreeze) is introduced into the cooling system in an emergency, it should be replaced with the specified engine coolant (antifreeze) as soon as possible.**
- **Do not use water alone or alcohol-based engine coolant (antifreeze) products. Do not use additional rust inhibitors or antirust products, as they may not be compatible with the radiator engine coolant (antifreeze) and may plug the radiator.**

CAUTION! (Continued)

- **This vehicle has not been designed for use with propylene glycol-based engine coolant (antifreeze). Use of propylene glycol-based engine coolant (antifreeze) is not recommended.**

Adding Coolant

Your vehicle has been built with an improved engine coolant (antifreeze) that allows extended maintenance intervals. This engine coolant (antifreeze) can be used up to five years or 104,000 miles (169 000 km) before replacement. To prevent reducing this extended maintenance period, it is important that you use the same engine coolant (antifreeze) throughout the life of your vehicle.

Please review these recommendations for using Hybrid Organic Additive Technology (HOAT) engine coolant (antifreeze). When adding engine coolant (antifreeze):

- The manufacturer recommends using MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) or equivalent.
- Mix a minimum solution of 50% HOAT engine coolant and distilled water. Use higher concentrations (not to exceed 70%) if temperatures below −34°F (−37°C) are anticipated.
- Use only high purity water such as distilled or deionized water when mixing the water/engine coolant (antifreeze) solution. The use of lower quality water will reduce the amount of corrosion protection in the engine cooling system.

Please note that it is the owner's responsibility to maintain the proper level of protection against freezing according to the temperatures occurring in the area where the vehicle is operated.

NOTE: Mixing engine coolant (antifreeze) types will decrease the life of the engine coolant (antifreeze) and will require more frequent coolant changes.

Cooling System Pressure Cap

The cap must be fully tightened to prevent loss of coolant, and to ensure that engine coolant (antifreeze) will return to the radiator from the coolant recovery bottle.

The cap should be inspected and cleaned if there is any accumulation of foreign material on the sealing surfaces.

WARNING!

- **The warning words "DO NOT OPEN HOT" on the cooling system pressure cap are a safety precaution. Never add engine coolant (antifreeze) when the engine is overheated. Do not loosen or remove the cap to cool an overheated engine. Heat causes pressure to build up in the cooling system. To prevent scalding or injury, do not remove the pressure cap while the system is hot or under pressure.**
- **Do not use a pressure cap other than the one specified for your vehicle. Personal injury or engine damage may result.**

Disposal of Used Coolant

Used ethylene glycol-based engine coolant (antifreeze) is a regulated substance requiring proper disposal. Check with your local authorities to determine the disposal rules for your community. To prevent ingestion by animals or children, do not store ethylene glycol-based engine coolant (antifreeze) in open containers or allow it to remain in puddles on the ground. If ingested by a child or pet, seek emergency assistance immediately. Clean up any ground spills immediately.

Coolant Level

The coolant bottle provides a quick visual method for determining that the coolant level is adequate. With the engine OFF and cold, the level of the engine coolant (antifreeze) in the bottle should be between the ranges indicated on the bottle.

The radiator normally remains completely full, so there is no need to remove the radiator cap unless checking for engine coolant (antifreeze) freeze point or replacing coolant. Advise your service attendant of this. As long as the engine operating temperature is satisfactory, the coolant bottle need only be checked once a month.

When additional engine coolant (antifreeze) is needed to maintain the proper level, it should be added to the coolant bottle. Do not overfill.

Points To Remember

NOTE: When the vehicle is stopped after a few miles (kilometers) of operation, you may observe vapor coming from the front of the engine compartment. This is normally a result of moisture from rain, snow, or high humidity accumulating on the radiator and being vaporized when the thermostat opens, allowing hot engine coolant (antifreeze) to enter the radiator.

If an examination of your engine compartment shows no evidence of radiator or hose leaks, the vehicle may be safely driven. The vapor will soon dissipate.

- Do not overfill the coolant recovery bottle.
- Check engine coolant (antifreeze) freeze point in the radiator and in the coolant recovery bottle. If engine coolant (antifreeze) needs to be added, contents of coolant recovery bottle must also be protected against freezing.
- If frequent engine coolant (antifreeze) additions are required, or if the level in the coolant recovery bottle does not drop when the engine cools, the cooling system should be pressure tested for leaks.
- Maintain coolant concentration at 50% HOAT engine coolant (antifreeze) (minimum) and distilled water for proper corrosion protection of your engine, which contains aluminum components.
- Make sure that the radiator and coolant recovery bottle overflow hoses are not kinked or obstructed.
- Keep the front of the radiator clean. If your vehicle is equipped with air conditioning, keep the front of the condenser clean.

- Do not change the thermostat for Summer or Winter operation. If replacement is ever necessary, install ONLY the correct type thermostat. Other designs may result in unsatisfactory coolant performance, poor gas mileage, and increased emissions.

Brake System

In order to assure brake system performance, all brake system components should be inspected periodically. Refer to the “Maintenance Schedule” for the proper maintenance intervals.

WARNING!

Riding the brakes can lead to brake failure and possibly a collision. Driving with your foot resting or riding on the brake pedal can result in abnormally high brake temperatures, excessive lining wear, and possible brake damage. You would not have your full braking capacity in an emergency.

Master Cylinder – Brake Fluid Level Check

Check the fluid level in the master cylinder immediately if the brake system warning light indicates system failure.

Check the fluid level in the master cylinder when performing underhood services.

Clean the top of the master cylinder area before removing the cap. Add fluid to bring the level up to the top of the “FULL” mark on the side of the master cylinder reservoir.

Overfilling of fluid is not recommended because it may cause leaking in the system.

Add enough fluid to bring the level up to the requirements described on the brake fluid reservoir. With disc brakes, fluid level can be expected to fall as the brake pads wear. However, low fluid level may be caused by a leak and a checkup may be needed.

Use only manufacturer's recommended brake fluid. Refer to "Fluids, Lubricants, and Genuine Parts" in "Maintaining Your Vehicle" for further information.

WARNING!

- **Use only manufacturer's recommended brake fluid. Refer to "Fluids, Lubricants, and Genuine Parts" in "Maintaining Your Vehicle" for further information. Using the wrong type of brake fluid can severely damage your brake system and/or impair its performance. The proper type of brake fluid for your vehicle is also identified on the original factory installed hydraulic master cylinder reservoir.**

(Continued)

WARNING! (Continued)

- **To avoid contamination from foreign matter or moisture, use only new brake fluid or fluid that has been in a tightly closed container. Keep the master cylinder reservoir cap secured at all times. Brake fluid in a open container absorbs moisture from the air resulting in a lower boiling point. This may cause it to boil unexpectedly during hard or prolonged braking, resulting in sudden brake failure. This could result in a collision.**
- **Overfilling the brake fluid reservoir can result in spilling brake fluid on hot engine parts, causing the brake fluid to catch fire. Brake fluid can also damage painted and vinyl surfaces, care should be taken to avoid its contact with these surfaces.**

(Continued)

WARNING! (Continued)

- **Do not allow petroleum based fluid to contaminate the brake fluid. Brake seal components could be damaged, causing partial or complete brake failure. This could result in a collision.**

Use only brake fluid that has been in a tightly closed container to avoid contamination from foreign matter or moisture.

Automatic Transmission

Selection of Lubricant

It is important that the proper lubricant is used in the transmission to assure optimum transmission performance. Use only manufacturer's recommended transmission fluid. Refer to "Fluids, Lubricants, and Genuine Parts" in "Maintaining Your Vehicle" for further information. It is important that the transmission fluid be maintained at the prescribed level using the recommended fluid. No chemical flushes should be used in any transmission; only the approved lubricant may be used.

Special Additives

Automatic Transmission Fluid (ATF) is an engineered product and its performance may be impaired by supplemental additives. Therefore, do not add any fluid additives to the transmission. The only exception to this policy is the use of special dyes to aid in detecting fluid leaks. In addition, avoid using transmission sealers as they may adversely affect seals.

CAUTION!

Do not use chemical flushes in your transmission as the chemicals can damage your transmission components. Such damage is not covered by the New Vehicle Limited Warranty.

Fluid Level Check

Regular automatic transmission fluid level checks are not required. For this reason, the dipstick is omitted.

If you notice fluid loss or transmission malfunction, have your authorized dealer check the transmission fluid level.

CAUTION!

- **Using a transmission fluid other than the manufacturer's recommended fluid may cause deterioration in transmission shift quality and/or torque converter shudder. Using a transmission fluid other than that recommended by the manufacturer will result in more frequent fluid and filter changes. Refer to "Fluids, Lubricants, and Genuine Parts" in "Maintaining Your Vehicle" for further information.**

(Continued)

CAUTION! (Continued)

- **The fluid level is preset at the factory and it does not require adjustment under normal operating conditions. If a transmission fluid leak occurs, visit your authorized dealer immediately. Severe damage to the transmission may occur. Your authorized dealer has the proper tools to adjust the fluid level accurately.**

Fluid and Filter Changes

Refer to the "Maintenance Schedule" for the proper maintenance intervals.

If the transmission is disassembled for any reason, the fluid and filter should be changed.

All Wheel Drive (AWD) – If Equipped

The all wheel drive system consists of a transfer case and front differential. The exterior surface of these components should be inspected for evidence of fluid leaks. Confirmed leaks should be repaired as soon as possible.

The transfer case fluid fill/inspection plug is located in the middle of the rear housing. To inspect the transfer case fluid level, remove the fill/inspection plug. The fluid level should be even with the bottom of the hole. Use this plug to add fluid as required.

The front differential fill plug is located on the outer cover near the halfshaft attachment. To inspect the differential fluid level, remove the fill plug. The fluid level should be even with or slightly below the bottom of the hole.

Fluid Changes

Refer to the "Maintenance Schedule" for the proper maintenance intervals.

Rear Axle

For normal service, periodic fluid level checks are not required. When the vehicle is serviced for other reasons the exterior surfaces of the axle assembly should be inspected. If gear oil leakage is suspected inspect the fluid level. Refer to "Fluids, Lubricants, and Genuine Parts" in "Maintaining Your Vehicle" for further information.

Fluid Level Check

Check the fluid level by removing the fill plug on the axle. The fluid level should be at the bottom of the fill hole. Add fluid, if necessary, to maintain the proper level. Refer to "Fluids, Lubricants, and Genuine Parts" in "Maintaining Your Vehicle" for further information.

Change Axle Fluid

Refer to the "Maintenance Schedule" for the proper maintenance intervals.

Appearance Care and Protection from Corrosion

Protection of Body and Paint from Corrosion

Vehicle body care requirements vary according to geographic locations and usage. Chemicals that make roads passable in snow and ice, and chemicals that are sprayed on trees and road surfaces during other seasons, are highly corrosive to the metal in your vehicle. Outside parking, which exposes your vehicle to airborne contaminants, road surfaces on which the vehicle is operated, extreme hot or cold weather and other extreme conditions will have an adverse effect on paint, metal trim, and underbody protection.

The following maintenance recommendations will enable you to obtain maximum benefit from the corrosion resistance built into your vehicle.

What Causes Corrosion?

Corrosion is the result of deterioration or removal of paint and protective coatings from your vehicle.

The most common causes are:

- Road salt, dirt, and moisture accumulation.
- Stone and gravel impact.
- Insects, tree sap, and tar.
- Salt in the air near seacoast localities.
- Atmospheric fallout/industrial pollutants.

Washing

- Wash your vehicle regularly. Always wash your vehicle in the shade using MOPAR® Car Wash or a mild car wash soap, and rinse the panels completely with clear water.
- If insects, tar, or other similar deposits have accumulated on your vehicle, use MOPAR® Super Kleen Bug and Tar Remover or equivalent to remove.

- Use a high quality cleaner wax, such as MOPAR® Cleaner Wax or equivalent to remove road film, stains and to protect your paint finish. Take care never to scratch the paint.
- Avoid using abrasive compounds and power buffing that may diminish the gloss or thin out the paint finish.

CAUTION!

- **Do not use abrasive or strong cleaning materials such as steel wool or scouring powder that will scratch metal and painted surfaces.**
- **Use of power washers exceeding 1,200 psi (8 274 kPa) can result in damage or removal of paint and decals.**

Special Care

- If you drive on salted or dusty roads or if you drive near the ocean, hose off the undercarriage at least once a month.
- It is important that the drain holes in the lower edges of the doors, rocker panels, and trunk be kept clear and open.
- If you detect any stone chips or scratches in the paint, touch them up immediately. The cost of such repairs is considered the responsibility of the owner.
- If your vehicle is damaged due to a collision or similar cause that destroys the paint and protective coating, have your vehicle repaired as soon as possible. The cost of such repairs is considered the responsibility of the owner.

- If you carry special cargo such as chemicals, fertilizers, de-icer salt, etc., be sure that such materials are well packaged and sealed.
- If a lot of driving is done on gravel roads, consider mud or stone shields behind each wheel.
- Use MOPAR® Touch Up Paint or equivalent on scratches as soon as possible. Your authorized dealer has touch up paint to match the color of your vehicle.

Wheel and Wheel Trim Care

All wheels and wheel trim, especially aluminum and chrome-plated wheels should be cleaned regularly with a mild soap and water to prevent corrosion. To remove heavy soil and/or excessive brake dust, use MOPAR® Wheel Cleaner or equivalent or select a nonabrasive, non-acidic cleaner. Do not use scouring pads, steel wool, a bristle brush, or metal polishes. Only MOPAR® or equivalent is recommended. Do not use oven cleaner. Avoid automatic car washes that use acidic solutions or harsh brushes that may damage the wheels' protective finish.

Stain Repel Fabric Cleaning Procedure – If Equipped

Stain Repel seats may be cleaned in the following manner:

- Remove as much of the stain as possible by blotting with a clean, dry towel.
- Blot any remaining stain with a clean, damp towel.
- For tough stains, apply MOPAR® Total Clean or a mild soap solution to a clean, damp cloth and remove the stain. Use a fresh, damp towel to remove soap residue.
- For grease stains, apply MOPAR® Multi-Purpose Cleaner or equivalent high quality cleaner to a clean, damp cloth and remove the stain. Use a fresh, damp towel to remove soap residue.
- Do not use any harsh solvents or any other form of protectants on Stain Repel products.

Interior Care

Use MOPAR® Fabric Cleaner or equivalent to clean fabric upholstery and MOPAR® Carpet Cleaner or equivalent for carpeting.

Interior Trim should be cleaned starting with a damp cloth, or MOPAR® Satin Select or equivalent. Do not use harsh cleaners or Armor All®. Use MOPAR® Total Clean or equivalent to clean vinyl upholstery.

MOPAR® Total Clean or equivalent is specifically recommended for leather upholstery.

Your leather upholstery can be best preserved by regular cleaning with a damp soft cloth. Small particles of dirt can act as an abrasive and damage the leather upholstery and should be removed promptly with a damp cloth. Stubborn soils can be removed easily with a soft cloth and MOPAR® Total Clean or equivalent. Care should be taken to avoid soaking your leather upholstery with any liquid. Please do not use polishes, oils, cleaning fluids, solvents, detergents, or ammonia-based cleaners to clean your leather upholstery. Application of a leather conditioner is not required to maintain the original condition.

WARNING!

Do not use volatile solvents for cleaning purposes. Many are potentially flammable, and if used in closed areas they may cause respiratory harm.

Cleaning Headlights

Your vehicle has plastic headlights that are lighter and less susceptible to stone breakage than glass headlights.

Plastic is not as scratch resistant as glass and therefore different lens cleaning procedures must be followed.

To minimize the possibility of scratching the lenses and reducing light output, avoid wiping with a dry cloth. To remove road dirt, wash with a mild soap solution followed by rinsing.

Do not use abrasive cleaning components, solvents, steel wool or other aggressive material to clean the lenses.

Glass Surfaces

All glass surfaces should be cleaned on a regular basis with MOPAR® Glass Cleaner or any commercial household-type glass cleaner. Never use an abrasive type cleaner. Use caution when cleaning the inside rear window equipped with electric defrosters or the right rear quarter window equipped with the radio antenna. Do not use scrapers or other sharp instrument that may scratch the elements.

When cleaning the rear view mirror, spray cleaner on the towel or rag that you are using. Do not spray cleaner directly on the mirror.

Cleaning Plastic Instrument Cluster Lenses

The lenses in front of the instruments in this vehicle are molded in clear plastic. When cleaning the lenses, care must be taken to avoid scratching the plastic.

1. Clean with a wet soft rag or micro-fiber towel. A mild soap solution may be used, but do not use high alcohol content or abrasive cleaners. If soap is used, wipe clean with a clean damp rag.

2. Dry with a soft cloth.

Seat Belt Maintenance

Do not bleach, dye, or clean the belts with chemical solvents or abrasive cleaners. This will weaken the fabric. Sun damage can also weaken the fabric.

If the belts need cleaning, use MOPAR® Total Clean, a mild soap solution, or lukewarm water. Do not remove the belts from the vehicle to wash them. Dry with a soft cloth.

Replace the belts if they appear frayed or worn or if the buckles do not work properly.

Cleaning the Center Console Cupholders

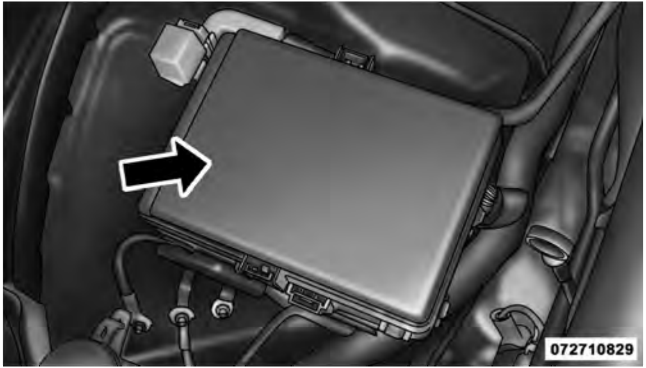
Clean with a damp cloth or towel using a mild detergent with the cupholder in the center console.

NOTE: The cupholder cannot be removed.

FUSES

Integrated Power Module

The Integrated Power Module is located in the engine compartment. This module contains fuses and relays.



Integrated Power Module

CAUTION!

- **When installing the integrated power module cover, it is important to ensure the cover is properly positioned and fully latched. Failure to do so may allow water to get into the integrated power module and possibly result in an electrical system failure.**
- **When replacing a blown fuse, it is important to use only a fuse having the correct amperage rating. The use of a fuse with a rating other than indicated may result in a dangerous electrical system overload. If a properly rated fuse continues to blow, it indicates a problem in the circuit that must be corrected.**

Cavity	Cartridge Fuse	Mini-Fuse	Description
1	—	—	Fuse – Spare
2	40 Amp Green	—	Radiator Fan #1
3	50 Amp Red	—	Power Steering #1
4	30 Amp Pink	—	Starter
5	40 Amp Green	—	Anti-Lock Brakes
6	—	—	Fuse – Spare
7	—	—	Fuse – Spare
8	—	—	Fuse – Spare
9	—	20 Amp Yellow	All-Wheel Drive Module – If Equipped

Cavity	Cartridge Fuse	Mini-Fuse	Description
10	—	10 Amp Red	Security
11	—	20 Amp Yellow	Horns
12	—	10 Amp Red	Air Conditioning Clutch
13	—	—	Fuse – Spare
14	—	25 Amp Natural	Anti-Lock Brakes
15	—	25 Amp Natural	Transmission
16	—	—	Fuse – Spare
18	50 Amp Red	—	Radiator Fan #2

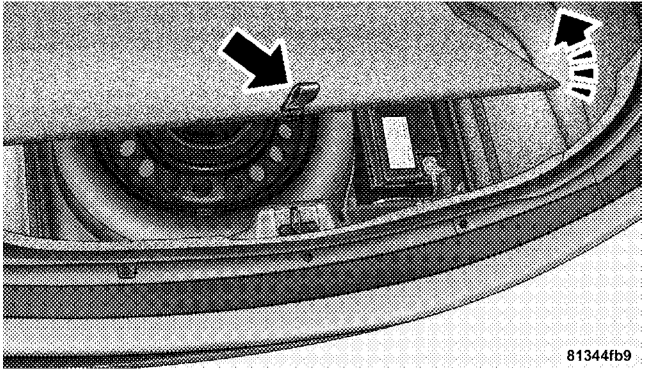
Cavity	Cartridge Fuse	Mini-Fuse	Description
19	50 Amp Red	—	Power Steering #2
20	30 Amp Pink	—	Wiper Motor
21	30 Amp Pink	—	Headlamp Washers
22	—	—	Fuse – Spare
23	—	—	Fuse – Spare
24	—	—	Fuse – Spare
28	—	25 Amp Natural	Fuel Pump
29	—	15 Amp Blue	Transmission/Shifter
30	—	—	Fuse – Spare

Cavity	Cartridge Fuse	Mini-Fuse	Description
31	—	25 Amp Natural	Engine Module
32	—	—	Fuse – Spare
33	—	—	Fuse – Spare
34	—	25 Amp Natural	Powertrain #1
35	—	25 Amp Natural	Powertrain #2
36	—	10 Amp Red	Anti-Lock Brake Module
37	—	10 Amp Red	Engine Controller/Rad Fan Relays
38	—	10 Amp Red	Airbag Module

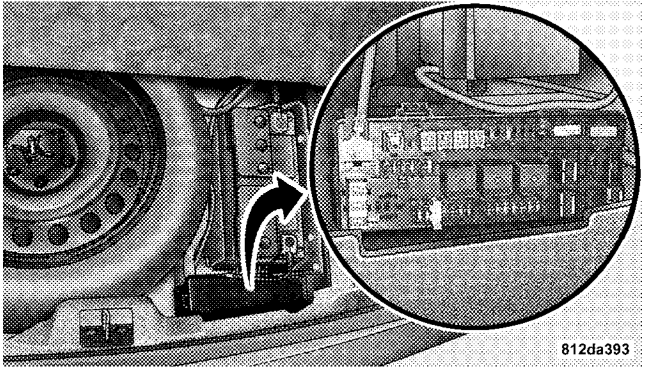
Cavity	Cartridge Fuse	Mini-Fuse	Description
39	—	10 Amp Red	Power Steering Module/AC Clutch Relay
48	—	10 Amp Red	AWD Module/Front Axle Disconnect
49	—	—	Fuse – Spare
50	—	—	Fuse – Spare
51	—	20 Amp Yellow	Vacuum Pump
52	—	—	Fuse – Spare
53	—	—	Fuse – Spare

Rear Power Distribution Center

There is also a power distribution center located in the trunk under the spare tire access panel. This center contains fuses and relays.



Opening The Access Panel



Rear Power Distribution Center

CAUTION!

- **When installing the power distribution center cover, it is important to ensure the cover is properly positioned and fully latched. Failure to do so may allow water to get into the power distribution center and possibly result in an electrical system failure.**
- **When replacing a blown fuse, it is important to use only a fuse having the correct amperage rating. The use of a fuse with a rating other than indicated may result in a dangerous electrical system overload. If a properly rated fuse continues to blow, it indicates a problem in the circuit that must be corrected.**

Cavity	Cartridge Fuse	Mini-Fuse	Description
2	60 Amp Yellow	—	Front PDC Feed #1
3	—	—	Fuse – Spare
4	60 Amp Yellow	—	Front PDC Feed #2
5	30 Amp Pink	—	Sunroof
6	40 Amp Green	—	Exterior Lighting #1
7	40 Amp Green	—	Exterior Lighting #2
8	30 Amp Pink	—	Interior Lighting/ Washer Pump
9	30 Amp Pink	—	Power Locks

Cavity	Cartridge Fuse	Mini-Fuse	Description
10	30 Amp Pink	—	Driver Door
11	30 Amp Pink	—	Passenger Door
12	—	20 Amp Yellow	Cigar Lighters, Instrument Panel & Power Outlet Console Rear
15	40 Amp Green	—	HVAC Blower
16	—	—	Fuse — Spare
17	—	—	Fuse — Spare
18	—	—	Fuse — Spare
19	—	—	Fuse — Spare
20	—	—	Fuse — Spare
21	—	—	Fuse — Spare

Cavity	Cartridge Fuse	Mini-Fuse	Description
22	—	—	Fuse — Spare
23	—	10 Amp Red	Fuel Door/Diagnostic Port
24	—	15 Amp Blue	Radio Screen
25	—	10 Amp Red	Tire Pressure Monitor
26	—	—	Fuse — Spare
27	—	25 Amp Natural	Amplifier
31	—	25 Amp Natural	Power Seats
32	—	15 Amp Blue	HVAC Module/Cluster

Cavity	Cartridge Fuse	Mini-Fuse	Description
33	—	15 Amp Blue	Ignition Switch/Wireless Module
34	—	10 Amp Red	Steering Column Module/Clock
35	—	10 Amp Red	Battery Sensor
36	—	—	Fuse — Spare
37	—	15 Amp Blue	Radio
38	—	20 Amp Yellow	Power Outlet Inside Arm Rest
40	—	—	Fuse — Spare
41	—	—	Fuse — Spare
42	30 Amp Pink	—	Rear Defrost

Cavity	Cartridge Fuse	Mini-Fuse	Description
43	—	25 Amp Natural	Rear Heated Seats/ Steering Wheel
44	—	10 Amp Red	Park Assist/Blind Spot/ Camera
45	—	15 Amp Blue	Cluster/Rearview Mirror/Compass
46	—	10 Amp Red	Adaptive Cruise Control
47	—	10 Amp Red	Adaptive Front Lighting
48	—	20 Amp Yellow	Active Suspension
49	—	—	Fuse — Spare
50	—	—	Fuse — Spare

Cavity	Cartridge Fuse	Mini-Fuse	Description
51	—	20 Amp Yellow	Front Heated Seats
52	—	10 Amp Red	Heated Cupholders/ Rear Heated Seat Switches
53	—	10 Amp Red	HVAC Module/In Car Temperature Sensor
54	—	—	Fuse — Spare
55	—	—	Fuse — Spare
56	—	—	Fuse — Spare
57	—	—	Fuse — Spare
58	—	10 Amp Red	Airbag Module
59	—	—	Fuse — Spare
60	—	—	Fuse — Spare

Cavity	Cartridge Fuse	Mini-Fuse	Description
61	—	—	Fuse — Spare
62	—	—	Fuse — Spare
63	—	—	Fuse — Spare
64	—	25 Amp Natural	Rear Windows
65	—	10 Amp Red	Airbag Module
66	—	—	Fuse — Spare
67	—	15 Amp Blue	Run Sense
68	—	15 Amp Blue	Illumination/Rear Sunshade
69	—	—	Fuse — Spare
70	—	—	Fuse — Spare

VEHICLE STORAGE

If you are leaving your vehicle dormant for more than 21 days, you may want to take these steps to protect your battery.

- Disconnect the negative cable from the battery.
- Anytime you store your vehicle, or keep it out of service (i.e., vacation) for two weeks or more, run the air conditioning system at idle for about five minutes in the fresh air and high blower setting. This will ensure adequate system lubrication to minimize the possibility of compressor damage when the system is started again.

REPLACEMENT BULBS

Interior	Bulb Number
Rear Courtesy/Reading Lamps	W5W
Rear Compartment (Trunk) Lamp	562
Overhead Console Reading Lamps	578
Visor Vanity Lamps	A6220
Glove Box Lamp – If Equipped	194
Door Courtesy	562
Shift Indicator Lamp	JKLE14140
Optional Door Map Pocket/Cupholder	LED (Serviced at Authorized Dealer)

NOTE: For lighted switches, see your authorized dealer for replacement instructions.

All of the interior bulbs are glass wedge base or glass cartridge types. Aluminum base bulbs are not approved and should not be used for replacement.

Exterior	Bulb Number
Low Beam/High Beam (Bi-Halogen Headlamp)	HIR2LL
Low Beam/High Beam (Bi-Xenon Headlamp)	D3S (Serviced at Authorized Dealer)
Front Turn Signal Lamp	PSY24WSV
Front Park Lamp	LED (Serviced at Authorized Dealer)
Daytime Running Lamp	LED (Serviced at Authorized Dealer)
Front Fog Lamp – If Equipped	H11
Front Sidemarker Lamp	LED (Serviced at Authorized Dealer)
Rear Tail/Stop/Turn Lamp	LED (Serviced at Authorized Dealer)
Rear Sidemarker Lamp	LED (Serviced at Authorized Dealer)
Backup Lamp	W21W
Center High Mount Stop Lamp (CHMSL)	LED (Serviced at Authorized Dealer)
License	W5W

BULB REPLACEMENT

Low Beam Headlamp, High Beam Headlamp, Park/Turn Lamp, Inner Park Lamp, and Outer Park Lamp

High Intensity Discharge Headlamps (HID) — If Equipped

The headlamps are a type of high voltage discharge tube. High voltage can remain in the circuit even with the headlamp switch off and the key removed. **Because of this, you should not attempt to service a headlamp bulb yourself. If a headlamp bulb fails, take your vehicle to an authorized dealer for service.**

7

WARNING!

A transient high tension occurs at the bulb sockets of HID headlamps when the headlamp switch is turned ON. It may cause serious electrical shock or electrocution if not serviced properly. See your authorized dealer for service.

NOTE: On vehicles equipped with HID headlamps, when the headlamps are turned on, there is a blue hue to the lights. This diminishes and becomes more white after approximately 10 seconds, as the system charges.

Standard Low Beam Headlamp, High Beam Headlamp, Park/Turn Lamp, Inner Park Lamp, and Outer Park Lamp

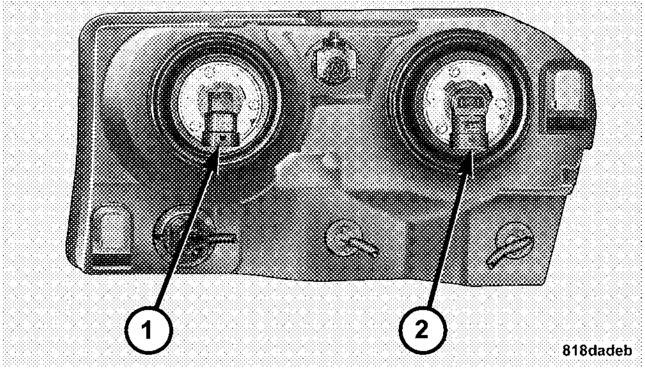
1. Open the hood.

NOTE: Removal of the air cleaner filter housing may be necessary prior to replacing bulbs in the headlamp assembly on the driver side of the vehicle.

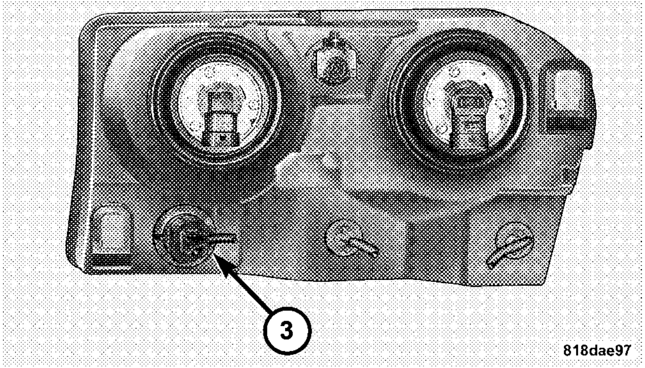
2. Twist the appropriate bulb and socket assembly counterclockwise, and then pull it out of the headlamp assembly.

3. Disconnect the bulb from the socket assembly and install the replacement bulb.

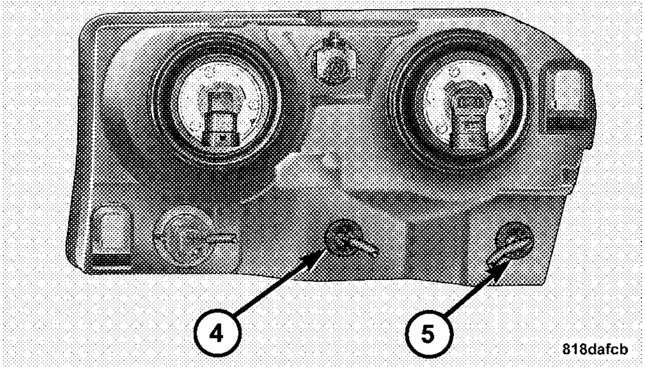
4. Reinstall the bulb and socket assembly into the headlamp assembly, and then turn it clockwise.



1 — High Beam Headlamp Bulb
2 — Low Beam Headlamp Bulb



3 — Park/Turn Lamp Bulb



4 — Inner Park Lamp Bulb
5 — Outer Park Lamp Bulb

CAUTION!

Do not touch the new bulb with your fingers. Oil contamination will severely shorten bulb life. If the bulb comes in contact with an oily surface, clean the bulb with rubbing alcohol.

Rear Backup Lamp and Turn Signal Lamps

1. Open the trunk.

2. Remove the trunk trim by removing the grocery hook (using a T-20 torque driver or similar tool), remove the fastener, and pull back the weather strip.

3. Pull back the trunk liner to gain access to the tail lamp wing nuts.

4. Remove the three wing nuts from the back of the tail lamp assembly.

5. Pull the tail lamp assembly away from the vehicle enough to access the electrical connector.

6. Push the electrical connector locking tab to the side.

7. Disconnect the electrical connector.

8. Continue removing lamp from vehicle in order to access the bulb(s).

9. Turn the appropriate bulb and socket assembly counterclockwise to remove it from the tail lamp assembly.

10. Disconnect the bulb from the socket assembly and install the replacement bulb.

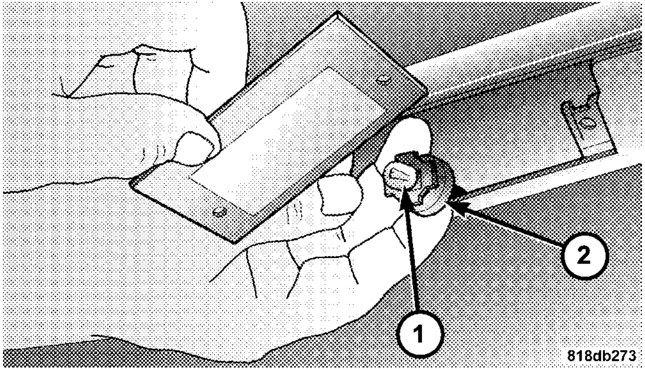
11. Reinstall the bulb and socket assembly into the tail lamp assembly, and then turn it clockwise.

12. Reinstall the tail lamp assembly, fasteners, electrical connector, and trunk trim.

13. Close the trunk.

License Lamp

1. Remove the screws securing the lamp to the rear fascia.
2. Remove the bulb and socket assembly.
3. Disconnect the bulb from the socket assembly and install the replacement bulb.



1 — License Lamp Bulb
2 — Socket

4. Reinstall the bulb and socket assembly.
5. Reattach the lamp to the rear fascia, and then install the screws.

FLUID CAPACITIES

	U.S.	Metric
Fuel (Approximate)		
All Engines	19 Gallons	72 Liters
Engine Oil with Filter		
3.6 Liter Engine (SAE 5W-30, API Certified)	6 Quarts	5.6 Liters
5.7 Liter Engine (SAE 5W-20, API Certified)	7 Quarts	6.6 Liters
Cooling System *		
3.6 Liter Engine without All Wheel Drive (MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula or equivalent)	11.1 Quarts	10.5 Liters
3.6 Liter Engine with All Wheel Drive (MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula or equivalent)	11.4 Quarts	10.8 Liters
5.7 Liter Engine without Severe Duty II Cooling System (MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula or equivalent)	14.7 Quarts	13.9 Liters
5.7 Liter Engine with Severe Duty II Cooling System (MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula or equivalent)	15.1 Quarts	14.3 Liters
* Includes heater and coolant recovery bottle filled to MAX level.		

FLUIDS, LUBRICANTS, AND GENUINE PARTS

Engine

Component	Fluid, Lubricant, or Genuine Part
Engine Coolant	MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) or equivalent.
Engine Oil – 3.6L Engine	Use API Certified SAE 5W-30 Engine Oil, meeting the requirements of Chrysler Material Standard MS-6395. Refer to the engine oil fill cap for correct SAE grade.
Engine Oil – 5.7L Engine	Use API Certified SAE 5W-20 Engine Oil, meeting the requirements of Chrysler Material Standard MS-6395. Refer to the engine oil fill cap for correct SAE grade.
Engine Oil Filter	MOPAR® Engine Oil Filter or equivalent.
Spark Plugs – 3.6L Engine	RER8ZWYCB4 (Gap 0.031 in [0.79 mm])
Spark Plugs – 5.7L Engine	LZFR5C–11 (Gap 0.043 in [1.1 mm])
Fuel Selection – 3.6L Engine	87 Octane
Fuel Selection – 5.7L Engine	87 Octane Acceptable — 89 Octane Recommended

Chassis

Component	Fluid, Lubricant, or Genuine Part
Automatic Transmission	MOPAR® ATF+4® Automatic Transmission Fluid or equivalent licensed ATF+4® product.
Brake Master Cylinder	MOPAR® DOT 3 and SAE J1703 should be used or equivalent. If DOT 3 brake fluid is not available, then DOT 4 is acceptable. Use only recommended brake fluids.
Power Steering Reservoir	MOPAR® Hydraulic Fluid or equivalent meeting MS-1165, such as Fuchs EG ZH 3044 or Pentosin CHF 11s.
Front Axle	API GL-5 SAE 75W90 Synthetic Gear Lubricant or equivalent.
Rear Axle	API GL-5 SAE 75W140 Synthetic Gear Lubricant or equivalent.
Transfer Case	MOPAR® Transfer Case Lubricant for BorgWarner 44–40 or equivalent.

MAINTENANCE SCHEDULES

CONTENTS

MAINTENANCE SCHEDULE

The Scheduled Maintenance services listed in this manual must be done at the times or mileages specified to protect your vehicle warranty and ensure the best vehicle performance and reliability. More frequent maintenance may be needed for vehicles in severe operating conditions, such as dusty areas and very short trip driving. Inspection and service should also be done anytime a malfunction is suspected.

The oil change indicator system will remind you that it is time to take your vehicle in for scheduled maintenance.

On Electronic Vehicle Information Center (EVIC) equipped vehicles, “Oil Change Required” will be displayed in the EVIC and a single chime will sound, indicating that an oil change is necessary.

On Non-EVIC equipped vehicles, “Change Oil” will flash in the instrument cluster odometer and a single chime will sound, indicating that an oil change is necessary.

Based on engine operation conditions, the oil change indicator message will illuminate. This means that service is required for your vehicle. Have your vehicle serviced as soon as possible, within the next 500 miles (805 km).

NOTE:

- The oil change indicator message will not monitor the time since the last oil change. Change your vehicle’s oil if it has been six months since your last oil change, even if the oil change indicator message is NOT illuminated.
- Change your engine oil more often if you drive your vehicle off-road for an extended period of time.
- Under no circumstances should oil change intervals exceed 8,000 miles (13,000 km) or six months, whichever comes first.

Your authorized dealer will reset the oil change indicator message after completing the scheduled oil change. If a scheduled oil change is performed by someone other than your authorized dealer, the message can be reset by referring to the steps described under “Electronic Vehicle Information Center (EVIC)/Oil Change Required” in “Understanding Your Instrument Panel” or under “Instrument Cluster Description/Odometer/Trip Odometer” in “Understanding Your Instrument Panel” for further information.

At Each Stop for Fuel

- Check the engine oil level. Refer to “Maintenance Procedures/Engine Oil” in “Maintaining Your Vehicle” for further information.
- Check the windshield washer solvent and add if required.

Once a Month

- Check tire pressure and look for unusual wear or damage.
- Inspect the battery, and clean and tighten the terminals as required.
- Check the fluid levels of the coolant reservoir, brake master cylinder, and power steering, and add as needed.
- Check all lights and other electrical items for correct operation.

At Each Oil Change

- Change the engine oil filter.
- Inspect the brake hoses and lines.

CAUTION!

Failure to perform the required maintenance items may result in damage to the vehicle.

Required Maintenance Intervals

Refer to the Maintenance Schedules on the following pages for the required maintenance intervals.

8,000 Miles (13,000 km) or 6 Months Maintenance Service Schedule

- ❑ Change the engine oil and engine oil filter.
- ❑ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 8,000 miles (13 000 km).

Odometer Reading | Date

Repair Order # | Dealer Code

Signature Authorized Chrysler Dealer

16,000 Miles (26,000 km) or 12 Months Maintenance Service Schedule

- ❑ Change the engine oil and engine oil filter.
- ❑ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 16,000 miles (26 000 km).
- ❑ If using your vehicle for any of the following: Dusty or off-road conditions. Inspect the engine air cleaner filter; replace if necessary.
- ❑ Replace the air conditioning filter.
- ❑ Inspect the brake linings, replace if necessary.
- ❑ Inspect exhaust system. Perform the first inspection at 16,000 miles (26 000 km) or 12 months.
- ❑ Inspect the front suspension, tie rod ends and boot seals for cracks or leaks and all parts for damage, wear, improper looseness or end play; replace if necessary.

Odometer Reading | Date

Repair Order # | Dealer Code

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24,000 Miles (39,000 km) or 18 Months Maintenance Service Schedule

- ❑ Change the engine oil and engine oil filter.
- ❑ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 24,000 miles (39 000 km).
- ❑ Inspect the CV joints.
- ❑ Inspect exhaust system.
- ❑ Inspect the rear axle fluid.

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Odometer Reading Date

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Repair Order # Dealer Code

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32,000 Miles (52,000 km) or 24 Months Maintenance Service Schedule

- ❑ Change the engine oil and engine oil filter.
- ❑ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 32,000 miles (52 000 km).
- ❑ Replace the engine air cleaner filter.
- ❑ Replace the air conditioning filter.
- ❑ Replace the spark plugs (5.7L Engine).
- ❑ Adjust parking brake on vehicles equipped with four-wheel disc brakes.
- ❑ Inspect the brake linings, replace if necessary.
- ❑ Inspect the front suspension, tie rod ends and boot seals for cracks or leaks and all parts for damage, wear, improper looseness or end play; replace if necessary.

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Odometer Reading Date

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Repair Order # Dealer Code

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40,000 Miles (65,000 km) or 30 Months Maintenance Service Schedule

- ❑ Change the engine oil and engine oil filter.
- ❑ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 40,000 miles (65 000 km).

Odometer Reading Date

Repair Order # Dealer Code

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48,000 Miles (78,000 km) or 36 Months Maintenance Service Schedule

- ❑ Change the engine oil and engine oil filter.
- ❑ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 48,000 miles (78 000 km).
- ❑ If using your vehicle for any of the following: Dusty or off-road conditions. Inspect the engine air cleaner filter; replace if necessary.
- ❑ Replace the air conditioning filter.
- ❑ Inspect the brake linings, replace if necessary.
- ❑ Inspect the CV joints.
- ❑ Inspect exhaust system.
- ❑ Inspect the front suspension, tie rod ends and boot seals for cracks or leaks and all parts for damage, wear, improper looseness or end play; replace if necessary.
- ❑ Inspect the rear axle fluid.

Odometer Reading Date

Repair Order # Dealer Code

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56,000 Miles (91,000 km) or 42 Months Maintenance Service Schedule

- ❑ Change the engine oil and engine oil filter.
- ❑ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 56,000 miles (91 000 km).

Odometer Reading Date

Repair Order # Dealer Code

Signature Authorized Chrysler Dealer

64,000 Miles (104,000 km) or 48 Months Maintenance Service Schedule

❑ Change the engine oil and engine oil filter.
❑ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 64,000 miles (104 000 km).
❑ Replace the engine air cleaner filter.
❑ Replace the air conditioning filter.
❑ Inspect the brake linings; replace if necessary.
❑ Replace the spark plugs (5.7L Engine).
❑ Adjust parking brake on vehicles equipped with four-wheel disc brakes.
❑ Change the automatic transmission fluid and filter(s) if using your vehicle for any of the following: police, taxi, fleet, or frequent trailer towing.
❑ Inspect the front suspension, tie rod ends and boot seals for cracks or leaks and all parts for damage, wear, improper looseness or end play; replace if necessary.

Odometer Reading Date

Repair Order # Dealer Code

Signature Authorized Chrysler Dealer

72,000 Miles (117,000 km) or 54 Months Maintenance Service Schedule

❏ Change the engine oil and engine oil filter.
❏ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 72,000 miles (117 000 km).
❏ Inspect the CV joints.
❏ Inspect exhaust system.
❏ Inspect the rear axle fluid.

Odometer Reading	Date
Repair Order #	Dealer Code
Signature Authorized Chrysler Dealer	

80,000 Miles (130,000 km) or 60 Months Maintenance Service Schedule

❏ Change the engine oil and engine oil filter.
❏ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 80,000 miles (130 000 km).
❏ If using your vehicle for any of the following: Dusty or off-road conditions. Inspect the engine air cleaner filter; replace if necessary.
❏ Replace the air conditioning filter.
❏ Flush and replace the engine coolant if not done at 104,000 miles (169 000 km).
❏ Inspect the brake linings, replace if necessary.
❏ Inspect the front suspension, tie rod ends and boot seals for cracks or leaks and all parts for damage, wear, improper looseness or end play; replace if necessary.

Odometer Reading	Date
Repair Order #	Dealer Code
Signature Authorized Chrysler Dealer	

88,000 Miles (143,000 km) or 66 Months Maintenance Service Schedule

❑ Change the engine oil and engine oil filter.

❑ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 88,000 miles (143 000 km).

Odometer Reading	Date
Repair Order #	Dealer Code
Signature Authorized Chrysler Dealer	

96,000 Miles (156,000 km) or 72 Months Maintenance Service Schedule

❏ Change the engine oil and engine oil filter.
❏ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 96,000 miles (156 000 km).
❏ Replace the engine air cleaner filter.
❏ Replace the air conditioning filter.
❏ Replace the spark plugs (3.6L Engine).
❏ Replace the spark plugs (5.7L Engine).
❏ Inspect and replace PCV valve if necessary. †
❏ Adjust parking brake on vehicles equipped with four-wheel disc brakes.
❏ Inspect the brake linings, replace if necessary.
❏ Inspect the CV joints.
❏ Inspect exhaust system.
❏ Inspect the front suspension, tie rod ends and boot seals for cracks or leaks and all parts for damage, wear, improper looseness or end play; replace if necessary.
❏ Inspect the rear axle fluid.

Odometer Reading	Date
Repair Order #	Dealer Code
Signature Authorized Chrysler Dealer	

104,000 Miles (169,000 km) or 78 Months Maintenance Service Schedule

- ❑ Change the engine oil and engine oil filter.
- ❑ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 104,000 miles (169 000 km).
- ❑ Flush and replace the engine coolant if not done at 60 months.

Odometer Reading　　　　Date

Repair Order #　　　　Dealer Code

Signature Authorized Chrysler Dealer

112,000 Miles (182,000 km) or 84 Months Maintenance Service Schedule

- ❑ Change the engine oil and engine oil filter.
- ❑ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 112,000 miles (182 000 km).
- ❑ If using your vehicle for any of the following: Dusty or off-road conditions. Inspect the engine air cleaner filter; replace if necessary.
- ❑ Replace the air conditioning filter.
- ❑ Inspect the brake linings, replace if necessary.
- ❑ Inspect the front suspension, tie rod ends and boot seals for cracks or leaks and all parts for damage, wear, improper looseness or end play; replace if necessary.

Odometer Reading　　　　Date

Repair Order #　　　　Dealer Code

Signature Authorized Chrysler Dealer

120,000 Miles (195,000 km) or 90 Months Maintenance Service Schedule

❏ Change the engine oil and engine oil filter.
❏ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 120,000 miles (195 000 km).
❏ Inspect the CV joints.
❏ Inspect exhaust system.
❏ Change the automatic transmission fluid and filter(s).
❏ Replace the accessory drive belt(s).
❏ Inspect the rear axle fluid.

Odometer Reading	Date
Repair Order #	Dealer Code
Signature Authorized Chrysler Dealer	

128,000 Miles (208,000 km) or 96 Months Maintenance Service Schedule

❏ Change the engine oil and engine oil filter.
❏ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 128,000 miles (208 000 km).
❏ Replace the engine air cleaner filter.
❏ Replace the air conditioning filter.
❏ Replace the spark plugs (5.7L Engine).
❏ Adjust parking brake on vehicles equipped with four-wheel disc brakes.
❏ Inspect the brake linings, replace if necessary.
❏ Inspect the front suspension, tie rod ends and boot seals for cracks or leaks and all parts for damage, wear, improper looseness or end play; replace if necessary.

Odometer Reading	Date
Repair Order #	Dealer Code
Signature Authorized Chrysler Dealer	

136,000 Miles (221,000 km) or 102 Months Maintenance Service Schedule

- ❏ Change the engine oil and engine oil filter.
- ❏ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 136,000 miles (221 000 km).

Odometer Reading — Date

Repair Order # — Dealer Code

Signature Authorized Chrysler Dealer

144,000 Miles (234,000 km) or 108 Months Maintenance Service Schedule

- ❏ Change the engine oil and engine oil filter.
- ❏ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 144,000 miles (234 000 km).
- ❏ If using your vehicle for any of the following: Dusty or off-road conditions. Inspect the engine air cleaner filter; replace if necessary.
- ❏ Replace the air conditioning filter.
- ❏ Inspect the brake linings, replace if necessary.
- ❏ Inspect the CV joints.
- ❏ Inspect exhaust system.
- ❏ Inspect the front suspension, tie rod ends and boot seals for cracks or leaks and all parts for damage, wear, improper looseness or end play; replace if necessary.
- ❏ Inspect the rear axle fluid.

Odometer Reading — Date

Repair Order # — Dealer Code

Signature Authorized Chrysler Dealer

152,000 Miles (247,000 km) or 114 Months Maintenance Service Schedule

❏ Change the engine oil and engine oil filter.

❏ Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before 152,000 miles (247 000 km).

Odometer Reading — Date

Repair Order # — Dealer Code

Signature Authorized Chrysler Dealer

† This maintenance is recommended by the manufacturer to the owner, but is not required to maintain emissions warranty.

WARNING!

- **You can be badly injured working on or around a motor vehicle. Do only service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.**
- **Failure to properly inspect and maintain your vehicle could result in a component malfunction and effect vehicle handling and performance. This could cause an accident.**

IF YOU NEED CONSUMER ASSISTANCE

CONTENTS

SUGGESTIONS FOR OBTAINING SERVICE FOR YOUR VEHICLE

Prepare For The Appointment

If you're having warranty work done, be sure to have the right papers with you. Take your warranty folder. All work to be performed may not be covered by the warranty. Discuss additional charges with the service manager. Keep a maintenance log of your vehicle's service history. This can often provide a clue to the current problem.

Prepare A List

Make a written list of your vehicle's problems or the specific work you want done. If you've had an accident or work done that is not on your maintenance log, let the service advisor know.

Be Reasonable With Requests

If you list a number of items and you must have your vehicle by the end of the day, discuss the situation with the service advisor and list the items in order of priority. At many authorized dealers, you may obtain a rental vehicle at a minimal daily charge. If you need a rental, it is advisable to make these arrangements when you call for an appointment.

IF YOU NEED ASSISTANCE

The manufacturer and its authorized dealers are vitally interested in your satisfaction. We want you to be happy with our products and services.

Warranty service must be done by an authorized dealer. We strongly recommend that you take the vehicle to an authorized dealer. They know your vehicle the best, and are most concerned that you get prompt and high quality service. The manufacturer's authorized dealers have the facilities, factory-trained technicians, special tools, and the latest information to ensure the vehicle is fixed correctly and in a timely manner.

This is why you should always talk to an authorized dealer's service manager first. Most matters can be resolved with this process.

- If for some reason you are still not satisfied, talk to the general manager or owner of the authorized dealership. They want to know if you need assistance.
- If an authorized dealership is unable to resolve the concern, you may contact the manufacturer's customer center.

Any communication to the manufacturer's customer center should include the following information:

- Owner's name and address
- Owner's telephone number (home and office)
- Authorized dealership name
- Vehicle Identification Number (VIN)
- Vehicle delivery date and mileage

Chrysler Group LLC Customer Center
P.O. Box 21–8004
Auburn Hills, MI 48321–8004
Phone: (800) 247–9753

Chrysler Canada Inc. Customer Center
P.O. Box 1621
Windsor, Ontario N9A 4H6
Phone: (800) 465–2001

In Mexico contact:
Av. Prolongacion Paseo de la Reforma, 1240
Sante Fe C.P. 05109
Mexico, D. F.
In Mexico City: 5081-7568
Outside Mexico City: 1-800-505-1300

Customer Assistance For The Hearing Or Speech Impaired (TDD/TTY)

To assist customers who have hearing difficulties, the manufacturer has installed special TDD (Telecommunication Devices for the Deaf) equipment at its customer center. Any hearing or speech impaired customer, who has access to a TDD or a conventional teletypewriter (TTY) in the United States, can communicate with the manufacturer by dialing 1–800–380–CHRY.

Canadian residents with hearing difficulties that require assistance can use the special needs relay service offered by Bell Canada. For TTY teletypewriter users, dial 711 and for Voice callers, dial 1 800 855-0511 to connect with a Bell Relay Service operator.

Service Contract

You may have purchased a service contract for a vehicle to help protect you from the high cost of unexpected repairs after the manufacturer's New Vehicle Limited Warranty expires. The manufacturer stands behind only the manufacturer's service contracts. If you purchased a manufacturer's service contract, you will receive Plan Provisions and an Owner Identification Card in the mail within three weeks of the vehicle delivery date. If you have any questions about the service contract, call the manufacturer's Service Contract National Customer Hotline at 1-800-521-9922 (Canadian residents, call 1-800-485-2001).

The manufacturer will not stand behind any service contract that is not the manufacturer's service contract. It is not responsible for any service contract other than the manufacturer's service contract. If you purchased a service contract that is not a manufacturer's service contract, and you require service after the manufacturer's New Vehicle Limited Warranty expires, please refer to the contract documents, and contact the person listed in those documents.

We appreciate that you have made a major investment when you purchased the vehicle. An authorized dealer has also made a major investment in facilities, tools, and training to assure that you are absolutely delighted with the ownership experience. You'll be pleased with their sincere efforts to resolve any warranty issues or related concerns.

WARNING!

Engine exhaust, some of its constituents, and certain vehicle components contain, or emit, chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain, or emit, chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

WARRANTY INFORMATION

See the Warranty Information Booklet, located on the DVD, for the terms and provisions of Chrysler Group LLC warranties applicable to this vehicle and market.

MOPAR® PARTS

MOPAR® fluids, lubricants, parts, and accessories are available from an authorized dealer. They are recommended for your vehicle in order to help keep the vehicle operating at its best.

REPORTING SAFETY DEFECTS

In the 50 United States and Washington, D.C.

If you believe that your vehicle has a defect that could cause a crash or cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying the manufacturer.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your authorized dealer, and the manufacturer.

To contact NHTSA, you may either call the Auto Safety Hotline toll free at 1–888–327–4236 (TTY: 1–800–424–9153), or go to http://www.safercar.gov; or write to: Administrator, NHTSA, 1200 New Jersey Avenue, SE., West Building, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety from http://www.safercar.gov.

In Canada

If you believe that your vehicle has a safety defect, you should contact the Customer Service Department immediately. Canadian customers who wish to report a safety defect to the Canadian government should contact Transport Canada, Motor Vehicle Defect Investigations and Recalls at 1-800-333-0510 or go to http://www.tc.gc.ca/roadsafety/

PUBLICATION ORDER FORMS

To order the following manuals, you may use either the website or the phone numbers listed below. Visa, Mastercard, American Express, and Discover orders are accepted. If you prefer mailing your payment, please call for an order form.

NOTE: A street address is required when ordering manuals (no P.O. Boxes).

- *Service Manuals*

  These comprehensive Service Manuals provide the information that students and professional technicians need in diagnosing/troubleshooting, problem solving, maintaining, servicing, and repairing Chrysler Group LLC vehicles. A complete working knowledge of the

vehicle, system, and/or components is written in straightforward language with illustrations, diagrams, and charts.

- *Diagnostic Procedure Manuals*

  Diagnostic Procedure Manuals are filled with diagrams, charts and detailed illustrations. These practical manuals make it easy for students and technicians to find and fix problems on computer-controlled vehicle systems and features. They show exactly how to find and correct problems the first time, using step-by-step troubleshooting and drivability procedures, proven diagnostic tests and a complete list of all tools and equipment.

- *Owner's Manuals*

  These Owner's Manuals have been prepared with the assistance of service and engineering specialists to acquaint you with specific Chrysler Group LLC vehicles. Included are starting, operating, emergency and maintenance procedures as well as specifications, capabilities and safety tips.

Call toll free at:

- **1–800–890–4038 (U.S.)**
- **1–800–387–1143 (Canada)**

Or

Visit us on the Worldwide Web at:

- **www.techauthority.com**

DEPARTMENT OF TRANSPORTATION UNIFORM TIRE QUALITY GRADES

The following tire grading categories were established by the National Highway Traffic Safety Administration. The specific grade rating assigned by the tire's manufacturer in each category is shown on the sidewall of the tires on your vehicle.

All passenger car tires must conform to Federal safety requirements in addition to these grades.

Treadwear

The Treadwear grade is a comparative rating, based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

Traction Grades

The Traction grades, from highest to lowest, are AA, A, B, and C. These grades represent the tire's ability to stop on wet pavement, as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

WARNING!

The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

Temperature Grades

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat, when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance, which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel, than the minimum required by law.

WARNING!

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, under-inflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

INDEX

INSTALLATION OF RADIO TRANSMITTING EQUIPMENT

Special design considerations are incorporated into this vehicle's electronic system to provide immunity to radio frequency signals. Mobile two-way radios and telephone equipment must be installed properly by trained personnel. The following must be observed during installation.

The positive power connection should be made directly to the battery and fused as close to the battery as possible. The negative power connection should be made to body sheet metal adjacent to the negative battery connection. This connection should not be fused.

Antennas for two-way radios should be mounted on the roof or the rear area of the vehicle. Care should be used in mounting antennas with magnet bases. Magnets may affect the accuracy or operation of the compass on vehicles so equipped.

The antenna cable should be as short as practical and routed away from the vehicle wiring when possible. Use only fully shielded coaxial cable.

Carefully match the antenna and cable to the radio to ensure a low Standing Wave Ratio (SWR).

Mobile radio equipment with output power greater than normal may require special precautions.

All installations should be checked for possible interference between the communications equipment and the vehicle's electronic systems.

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